



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: _____



1048053

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Schniepp 1-31NE
Doc ID	1048053

Tops

Name	Top	Datum
Anhydrite	1375	+756
Heebner	3600	-1469
Lansing	3646	-1515
BKC	3968	-1837
Pawnee	4047	-1916
Ft. Scott	4129	-1998
Cherokee	4144	-2013
Mississippian	4220	-2089
LTD	4343	-2112



Services, Inc.

CHARGE TO:

Address: Wesleyville, Ark

CITY, STATE, ZIP CODE

TICKET

17403

PAGE 1 OF 2

SERVICE LOCATIONS

1. Wesleyville WELLPROJECT NO. 17403 LEASE SWIFT COUNTY/PARISH Missouri STATE Ark CITY Wesleyville DATE 10-1-10 OWNER SWIFT

2. Wesleyville TICKET TYPE CONTRACTOR CONTRACTOR SWIFT RIG NAME/NO. #2 SHIPPED VA DELIVERED TO SWIFT ORDER NO. 17403

3. Wesleyville WELL TYPE Drilling WELL CATEGORY WELL JOB PURPOSE Revent Surface Casings WELL PERMIT NO. SWIFT WELL LOCATION Wesleyville

4. Wesleyville REFERRAL LOCATION Wesleyville INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
270		1			MILEAGE # 113	21	mi			500	10500
5760		1			Thru Charge - Deep Surface	1	pa	1323	A	11000	145400
270		1			D-APR	5	gal			2000	10000
221		1			Liquid #11	2	gal			2500	5000
418		1			Top Piece	1	pa	24	ln	10000	10000
418		1			Bell. Piece	1	pa	24	ln	10000	10000
418		1			Toolbox Cost.	1	pa	25	ln	10000	10000

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 SWIFT DATE SIGNED 10-1-10 TIME SIGNED 10:30 A.M. P.M.

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

CUSTOMER DID NOT WISH TO RESPOND

OUR EQUIPMENT PERFORMED WITHOUT BREADDOWN? 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?

PAGE TOTAL 11 **TAX** **TOTAL**

SWIFT OPERATOR _____ APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 1-31-70 PAGE NO. 7

CUSTOMER American Leasing WELL NO. 1-31 NE LEASE Schneipp JOB TYPE Cement Surface TICKET NO. 17413

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0230							On location - Top changing over to run 2 5/8" 55# 1st case to 150'
	0300							Start casing - Fettle SJ 2 5/8" Cent. 1-3-8-78
	0445							Fin run casing
	0455							Start cir casing
	0500							Fin cir
								Pump # 370941 11cwt fluid
								Pump 20 PBI KCL fluid
		5	46			200		Mix 100 SKS ^{SMD} @ 11.8 #/gal
		5	44			200		Mix 100 SKS ^{SMD} @ 12.2 #/gal
		4 1/2	47			200		Mix 150 SKS ^{SMD} @ 12.5 #/gal
		4	36			150		Mix 100 SKS ^{SMD} @ 14.5 #/gal
			143 Total					Fin cent
								Release top plug
		5 1/2				250		Start Displ 410 SKS
	0700		36 1/2			600		Fin Displ - 50 PBI cent cir
	0705					310		Close in
	0711							Job complete
								clean up & Rake up Tubs
								THANKS Alan, Doug & Russ



Swanton, Inc

PO Box 466

Ness City, KS 67560

Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 179103

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	WELL				DATE	UNIT PRICE	AMOUNT
		LOG	ACCT			OF	DN	LN	ACT			
236					5ND Coamul						1791	147000
276					Flange						1791	170900

CUSTOMER: American Pipe and Foundry
WELL: Schamps 1-21 NE
DATE: 1-27-08
PAGE: 2 OF 2

SERVICE CHARGE
TOTAL WEIGHT
LOADED MILES
CUBIC FEET
TON MILES

17158
50963
171
50963

CONTINUATION TOTAL
7916.13



CHARGE TO: Production Expense Inc.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET
 18215

PAGE 1 OF 2

SERVICE LOCATIONS
 1. LAUREL CITY OK WELLS/PROJECT NO. 1-27-10 LEASE 50000000 COUNTY/PARISH MCCLAIN CO STATE OK CITY LAUREL DATE 02-26-10 OWNER
 2. LAUREL CITY OK WELLS/PROJECT NO. 1-27-10 LEASE 50000000 COUNTY/PARISH MCCLAIN CO STATE OK CITY LAUREL DATE 02-26-10 OWNER
 3. LAUREL CITY OK WELLS/PROJECT NO. 1-27-10 LEASE 50000000 COUNTY/PARISH MCCLAIN CO STATE OK CITY LAUREL DATE 02-26-10 OWNER
 4. LAUREL CITY OK WELLS/PROJECT NO. 1-27-10 LEASE 50000000 COUNTY/PARISH MCCLAIN CO STATE OK CITY LAUREL DATE 02-26-10 OWNER

TICKET TYPE CONTRACTOR RIG NAME/NO. MCCLAIN CO SHIPPED VIA W DELIVERED TO 2500 N. 101st St. OKC, OK 73116 ORDER NO. 18215
 SERVICE
 SALES
 WELLS TYPE WELL WELL CATEGORY WELL JOB PURPOSE WELL PERMIT NO. WELLS LOCATION WELL LOCATION

REFERRAL LOCATION LAUREL CITY OK INVOICE INSTRUCTIONS SEE 21-195-2110

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
270					MILEAGE 110	1	0	210	00	110	23100
270					Ground Colours	1	0	140	00	14000	14000
281					LAUREL RCL	2	00	25	00	50	100
290					MATERIALS	2	00	30	00	70	140
412					CONTRACTOR	5	1/2	40	00	200	1000
416					CONTRACTOR	5	1/2	1	0	190	950
417					KARON PRODUCTION - 191000	5	1/2	1	0	225	1125
417					CONTRACTOR	5	1/2	1	0	275	1375
417					CONTRACTOR	5	1/2	1	0	140	700

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 _____ TIME SIGNED _____
 A.M. 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	PAGE TOTAL	61
WE UNDERSTOOD AND MET YOUR NEEDS?				TOTAL	2290
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX	770
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	6180
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			
<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 [Signature] APPROVAL [Signature]
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 020610 PAGE NO.

CUSTOMER AMERICAN WINDTOWER WELL NO. 1-31 NE LEASE SCHNEPP JOB TYPE 5 1/2 LUNG STRENGTH TICKET NO. 18316

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							ON LOCATION DESCRIBE HOLE DRILL STAGE 17" SKS EA-2 CMNT. TD 4243' 2' DISCONFORMITY IDENTIFIED 5 1/2 C 15 1/2 # 55
								CENTRALS @ 1, 2, 3, 4, 5: 80 PACKETS @ 5
	0745							REVERSE CIRCULATION / FLUID SYSTEM
	0920	6	12				300	PUMP MAIN FLUSH
	0923	6	20				300	PUMP KCL FLUSH
	0933		7					TRUCK PORT HOLES / INTERMEDIATE PORTS
	0937	4	39				300	MIX CEMENT 1450 @ 15.3 #
	1148							WASH OUT PUMP/EAH LINE
	1154							RELEASE LATCH TOWER PUMP
	1157	6	100					DISPLACE PUMP
	1015		100				300	TRUCK DOWN PRESSURE UP, LATCH TOWER PUMP 1000 PSI RELEASED PRESSURE HELD
	1045							WASH TRK. JOB COMPLETED
								THANK YOU WANDA, DUSTY POWELL & LANE



Services, Inc.

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

TICKET
18329

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Ness City KS</u>	WELL/PROJECT NO. <u>1-31</u>	LEASE <u>Schniepp</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>2-26-10</u>	OWNER
	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <u>Barline</u>	ORDER NO.	
	WELL TYPE <u>011</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement Between 88' X 54"</u>	WELL PERMIT NO.	WELL LOCATION <u>Barline 25, 10, 10 NW</u>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE FERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE TR # 114	10	mi			5.00	50.00
577					Pump Charge	1	ea			850.00	850.00
581					Service Charge Cement	125	sts			1.50	187.50
582					Minimum Drillage Charge	1	ea			250.00	250.00
330					Swift Min-Density Standard	125	sts			14.00	1750.00
276					Flocele	30	lbs			1.50	45.00
290					D-Air	1	gal			35.00	35.00

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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 2-26-10 TIME SIGNED 1230 APM

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 YES NO

WE UNDERSTOOD AND MET YOUR NEEDS?
 YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 YES NO

ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 3167

TAX 9%

TOTAL 3264

SWIFT OPERATOR Brett Carson APPROVAL

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

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2-26-10 PAGE NO.

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
American Warrior		1-31		Schniepp NE		Cement Between 4 7/8 x 5 1/2"		18329	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1230								On Location 4 7/8 x 5 1/2"
	1240				✓				500 Pressure 5 1/2 Casing - Shut in
	1245	3			✓				400 Injection Rate
	1245	3			✓				400 Start Cement 75 sks @ 12.2 ppm
			31		✓				Cement 50 sks @ 11.4
	1315		57						Shut Down - Shut in
									Wash Truck
	1330								Job Complete
									Thank you Brett, Dave + Jason

Geological Report

American Warrior, Inc.
Schniepp #1-31NE
2150' FNL & 900' FEL
Sec. 31 T18s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Schniepp #1-31NE
2150' FNL & 900' FEL
Sec. 31 T18s R21w
Ness County, Kansas
API # 15-135-25020-0000

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

Geologist: Jason Alm

Spud Date: January 30, 2009

Completion Date: February 6, 2009

Elevation: 2173' Ground Level
2181' Kelly Bushing

Directions: Bazine KS, intersection of Main St. and Hwy 96,
South to Burgess St. East on Burgess across old
bridge, South and East ½ mi., North into location.

Casing: 1383' 8 5/8" surface casing
4242' 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/CNL, DIL

Drillstem Tests: Three, Trilobite Testing, Inc. "Jason McLemore,
Jeff Brown"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Schniepp #1-31NE Sec. 31 T18s R21w 2150' FNL & 900' FEL
Anhydrite	1375', +756
Base	1409', +722
Heebner	3600', -1469
Lansing	3646', -1515
BKc	3968', -1837
Pawnee	4047', -1916
Fort Scott	4129', -1998
Cherokee	4144', -2013
Mississippian	4220', -2089
Osage	4233', -2102
LTD	4243', -2112
RTD	4243', -2112

Sample Zone Descriptions

- Fort Scott (4129', -1998): Covered in DST #1**
 Ls – Fine to medium crystalline with poor-fair inter-crystalline and pinpoint vuggy porosity, light to fair oil stain with scattered light saturation, show of free oil when broken, light odor, bright yellow fluorescents, 17 units hotwire.
- Cherokee Sand (4148', -2017): Covered in DST #2**
 Ss – Quartz, fine to coarse grained, fairly sorted, sub-rounded, poor to fair cementation with fair to good inter-granular porosity, light to good oil stain with light saturation, good show of free oil, light odor, bright yellow cut fluorescents, 60 units hotwire.
- Mississippian Osage (4233', -2102): Covered in DST #3**
 Dolo – Δ – Fine sucrosic crystalline with poor vuggy porosity, heavy chert, triptolitic, weathered with good vuggy porosity, light to fair oil stain and saturation, good show of free oil, good odor, bright yellow cut fluorescents.

Drill Stem Tests

Trilobite Testing, Inc.

“Jason McLemore, Jeff Brown”

DST #1

Fort Scott

Interval (4110' – 4149') Anchor Length 39'

IHP	– 2040 #	
IFP	– 45" – Built to 7.5	15-19 #
ISI	– 60" – Dead	691 #
FFP	– 45" – B.O.B. 37 min.	18-24 #
FSI	– 60" – Dead	606 #
FHP	– 2007 #	
BHT	– 110°F	

Recovery: 180' GIP
30' OCM 25% Oil

DST #2

Cherokee Sand

Interval (4142' – 4170') Anchor Length 28'

IHP	– 2044 #	
IFP	– 45" – Built to 9 in.	19-60 #
ISI	– 45" – Dead	879 #
FFP	– 45" – B.O.B. 38 min.	61-91 #
FSI	– 45" – Dead	858 #
FHP	– 1958 #	
BHT	– 119°F	

Recovery: 64' GIP
7' CGO
153' WM
Chlorides: 18,000 ppm

DST #3

Mississippian Osage

Interval (4235' – 4243') Anchor Length 8'

IHP	– 2107 #	
IFP	– 30" – B.O.B. 17 min.	20-82 #
ISI	– 30" – Built to 1/8 in.	1193 #
FFP	– 30" – B.O.B. 24 min.	80-131 #
FSI	– 30" – Built to 1/4 in.	1144 #
FHP	– 2019 #	
BHT	– 122°F	

Recovery: 77' GIP
24' CGO Gravity: 39° API
244' SOCMW 5% Oil, 75% Water

Structural Comparison

Formation	American Warrior, Inc. Schniepp #1-31NE Sec. 31 T18s R21w 2150' FNL & 900' FEL	D N B Drilling, Inc. Schniepp #1 Sec. 32 T18s R21w 2590' FNL & 2640' FEL	American Warrior, Inc. City of Bazine #1 Sec. 32 T18s R21w 790' FSL & 113' FWL
Anhydrite	1375', +756	1351', +771	1407', +774
Base	1409', +722	NA	1442', +739
Heebner	3600', -1469	3582', -1460	3636', -1455
Lansing	3646', -1515	3627', -1505	3683', -1502
BKc	3968', -1837	NA	4008', -1827
Pawnee	4047', -1916	NA	4088', -1907
Fort Scott	4129', -1998	4103', -1981	4164', -1983
Cherokee	4144', -2013	NA	4182', -2001
Mississippian	4220', -2089	4195', -2073	4248', -2067
Osage	4233', -2102	4199', -2077	4266', -2085

Summary

The location for the Schniepp #1-31NE was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. Three drill stem tests were conducted, results from all three were inconclusive. After all gathered data had examined the decision was made to run 5 1/2 inch production casing to further evaluate the Schniepp #1-31NE well.

Recommended Perforations

Primary:

Fort Scott: (4128' – 4135') DST #1

Secondary:

Cherokee Sand: (4150' – 4154') DST #2

Mississippian Osage: (4233' – 4236') DST #3

Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.

DRILL STEM TESTS

No.	Interval	SP/Time	MP/Time	FP/Time	FP2/Time	BM-TM	REMARKS

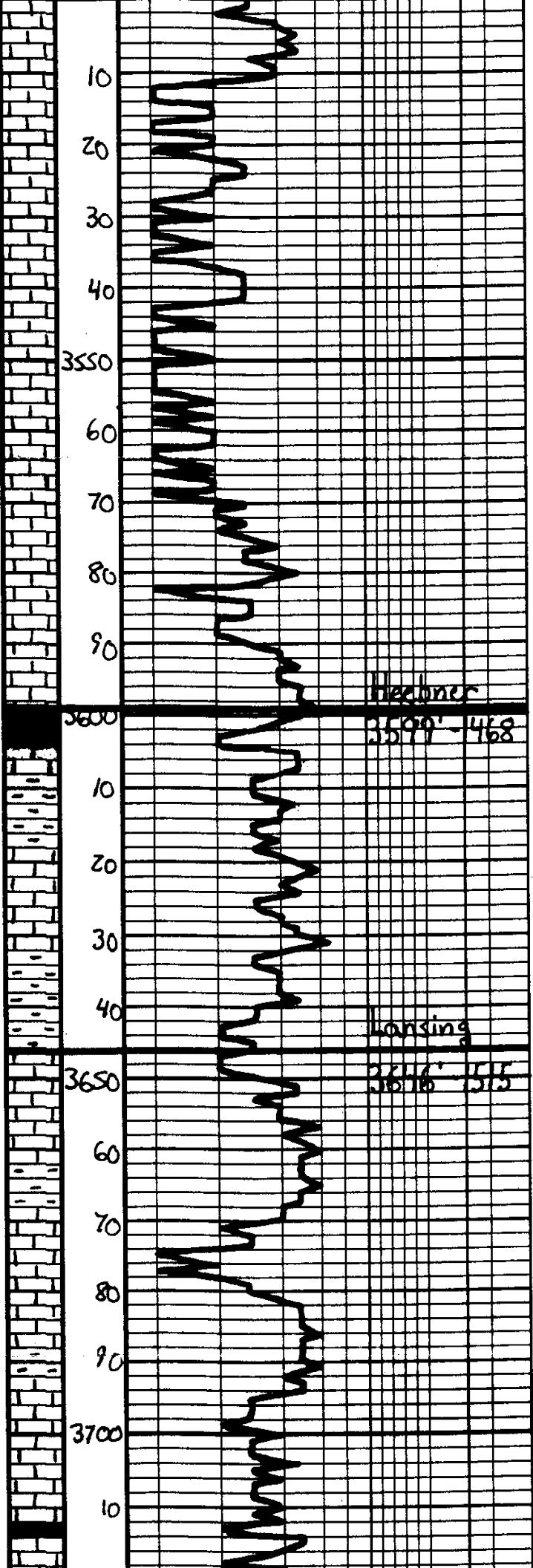
RESULTS AND RECOMMENDATIONS
 The location for the Schniepp #1-31NE was found via 3-D seismic survey. The new well was structurally lower than expected via the survey. Three well stem tests were conducted, results from all three were inconclusive. After all gathered data had been examined the decision was made to run Steinh production casing to further evaluate the Schniepp #1-31NE well.

Respectfully Submitted
 Aaron Albrecht
 2-5-16

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Ool.Lime
- Chert
- Dolomite

LITHOLOGY	DEPTH	DRILLING TIME (Logarithmic Scale)	SAMPLE DESCRIPTIONS	REMARKS
	.5 1 2 3 4 5 10 15 20 30			



Geo on location
11:00 p.m. 2-2-10

Ls. Tan-Lt. Gray-Mottled, Fxsla
Fossil

Ls. ala

Ls. Tan-Lt. Gray-Mottled, Fxsla
Fossil, cherty

Ls. ala

Ls. Tan-Lt. Gray-St. Mottled
Fossil Cherty

Ls. ala, Muddy, DNS

Ls. ala, DNS

Hecloner

3590' - 428
3577' - 168

Sh-Blk, Carb., Fxsla

Sh-Gray-Bcn

Ls. Offwhite-Lt. Gray, Fxsla w/
pinpoint intercal. of Bccren

Sh-Gray-Bcn

Wansing

3646' - 115
3636' - 115

Ls. Tan-Lt. Gray, Fxsla, Fossil
out w/ part over of Bccren

Sh-Gray-Bcn

Ls. Tan-Offwhite, Fxsla, Fossil
out w/ basal part of Bccren

Ls. Tan-Lt. Gray, Fxsla
St. Fossil out, DNS

Ls. Offwhite-Lt. Gray, Fxsla
Fossil out w/ part over of
Bccren, 2-1/2' - 6"

Ls. ala

Sh-Blk-Dk Gray

20
30
40
3750
60
70
80
90
3800
10
20
30
40
3850
60
70
80
90
3900
10
20
30

LS - Tan - Lt. Gray, Fa x/a, Fossil
out w/ base Fair 00m φ,
Boreen

LS - cl

LS - cl

LS - Offwh - Lt. Gray, Fa x/a, Fossil
out w/ base Fair 00m φ,
Boreen

LS - Tan - Lt. Gray, Fa - Subx/a,
St. Fossil out. Mostly DNS

LS - cl, DNS

LS - Tan - Lt. Gray, Fa x/a, Fossil
out w/ base Fair 00m φ, Boreen

LS - Tan - Lt. Gray, Fa - Subx/a,
St. Fossil out. DNS

LS - cl

Sh - Gray - Bea

LS - Offwh - Lt. Gray, Fa x/a,
Fossil out. PKSt w/ level 00m φ,
Boreen

LS - Offwh - Lt. Gray, Subx/a,
St. Fossil out. DNS

Sh - Gray - Bea - Bea

LS - Tan - Offwh, Fa x/a, Fossil
out. PKSt w/ level 00m φ,
Boreen

LS - Offwh - Tan, Subx/a, St.
Fossil out. DNS

Sh - Dark Gray - Blk

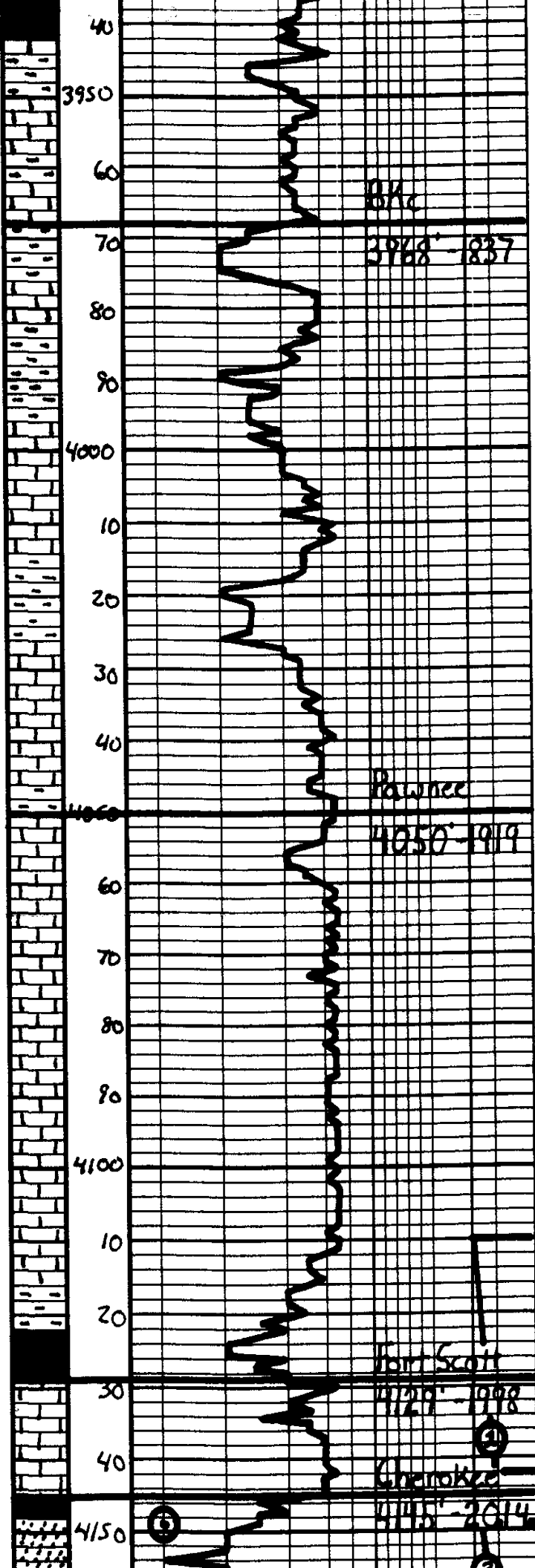
LS - Offwh - Tan, Fa x/a, Fossil
out w/ level 00m φ, Boreen

LS - cl, DNS

Sh - Dark Gray - Blk

LS - Offwh - Lt. Gray, Fa x/a, Fossil
out w/ level 00m φ, Boreen

LS - Offwh - Tan, Fa - Subx/a,
St. Fossil out. Mostly DNS



Bk
3968' - 837

Pawnee
4050' - 1919

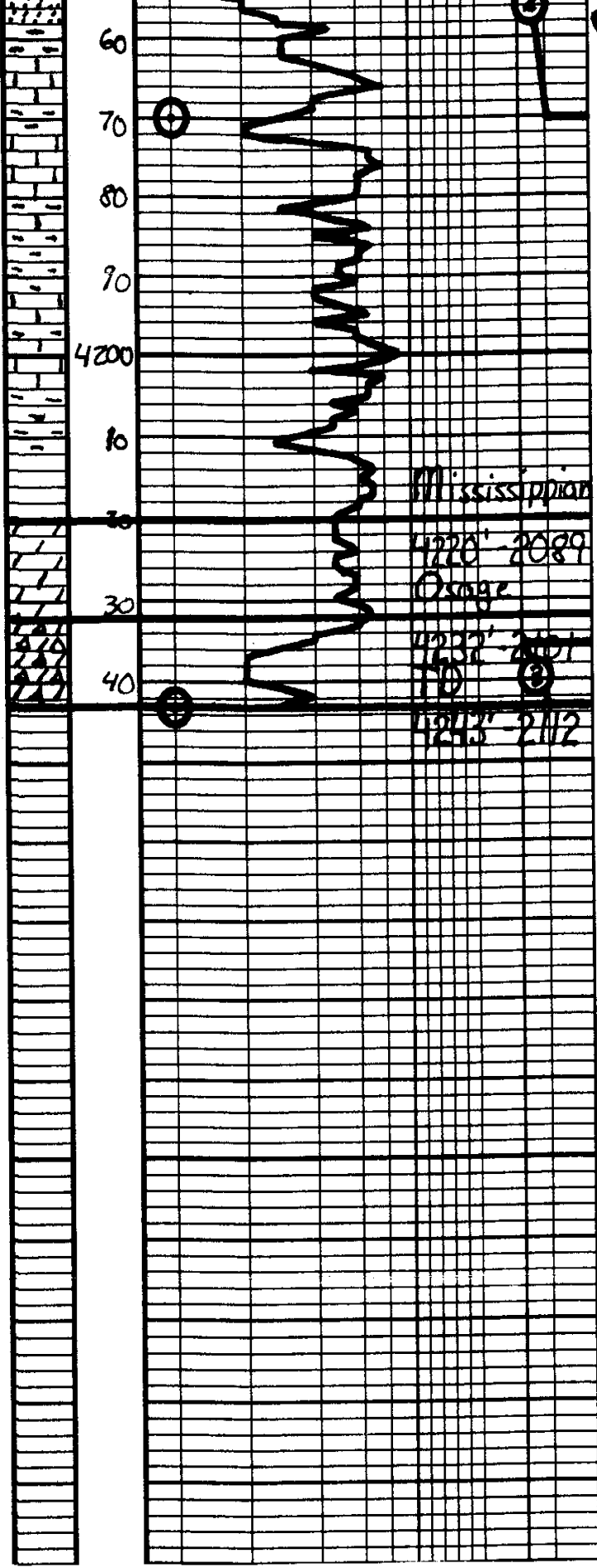
Fort Scott
4129' - 1000

Cherokee
4145' - 2014

Sh - Blk. Carb.
Sh - Gray - Ben
Ls. Lt. Gray, Subsln, DNS
Ls - ala
Sh - Gray - Ben - Red
Ls - Tan Lt. Gray, Subsln, DNS
Sh - Gray - Ben - Gen
Ls - Tan - Lt. Gray, Subsln, DNS
Sh - Gray - Ben - Gen
Ls - Tan - Lt. Gray, Fin. Subsln, DNS, Sh. A - Whit. Gray - Tan
Ls - ala
Sh - Gray - Dk Gray
Ls - Tan - Lt. Gray, Subsln, DNS, Sh. A - Whit. - Tan
Ls - ala
Ls - Lt. Gray, Subsln, DNS, Sh. A - Gray
Ls - ala
Ls - Gray, Subsln, DNS, "Sh. A" Gray - Dk Gray
Sh - Gray - Dk Gray
Sh - Blk. Carb.
Ls - Tan - Lt. Gray, Fin. Med. xln, w/lt. gray - fine, siltstone & pipit, w/lt. y. d. Lt. Gray, subsln, Sh. A - Whit. - Tan, Lt. Dk. Gr. - Lt. Whit. Blue.
Sh - Dk Gray - Blk
Ls - Gray, Fin. Layered Co. Finely Scaled, Sub - Manganese, Gray - Red, some siltstone, w/lt. Gray - Whit. Blue.

DST #1	
Fort Scott	
4110' - 4149'	
45° 60' 45" - 60°	
TH	2040#
IF	15-19# Duff to 25in.
ISI	671# Dead
FF	18-24# 803.37 min.
FSI	606# Dead
FH	2007#
BHT	110°F
Recovery:	180' GIP 30' OCIM 25% Oil

DST #2

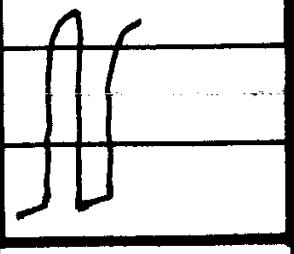


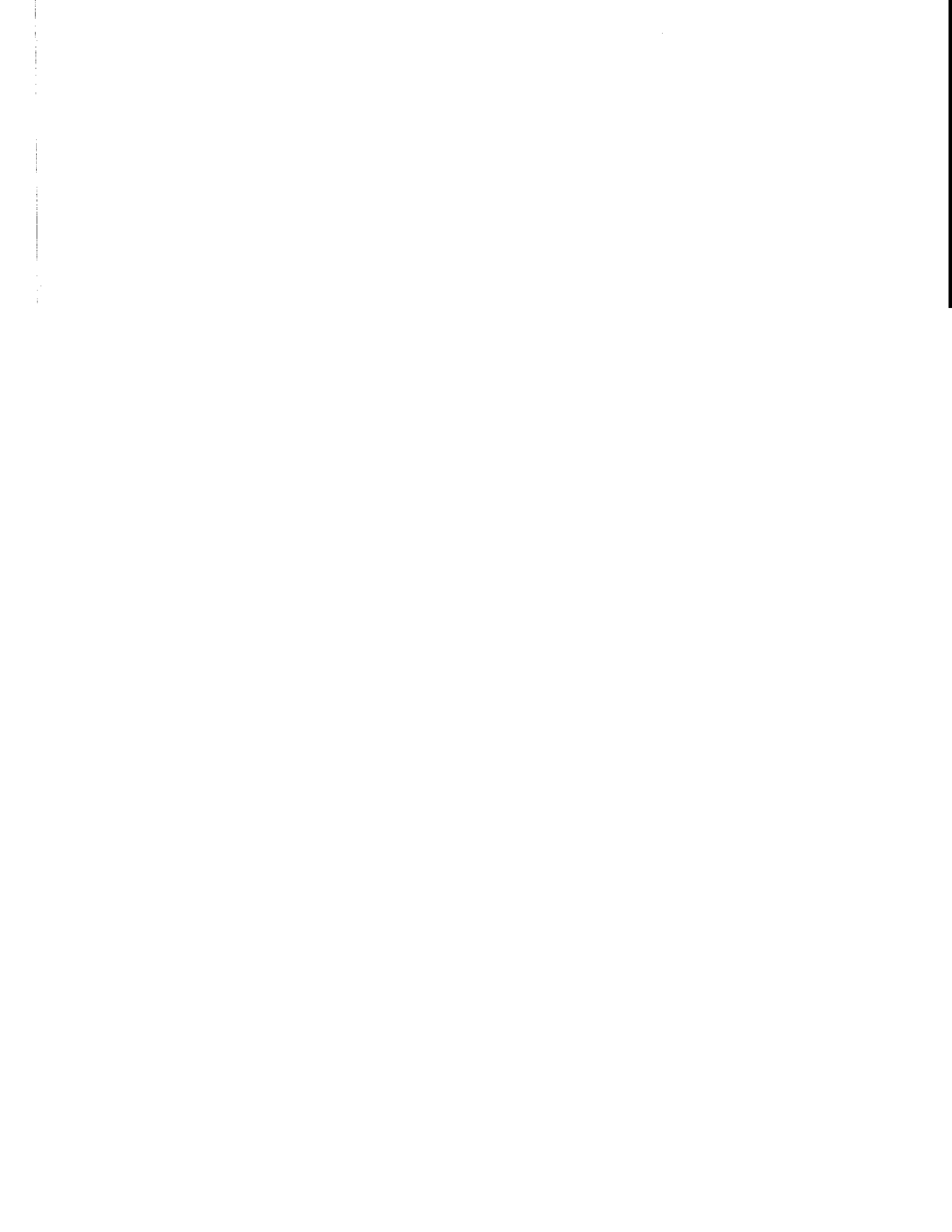
60-70' - 6000 oil st. 1/4" / 1/8" sand
 of SPO, Lt. Dol. Br. Substr. DNS
 Phac.
 LS - Tan - Lt. Gray. Substr. DNS
 Sh - Gray - Blue - Green
 LS - Tan - Lt. Gray. Sl. Mottled.
 Substr. DNS
 Sh - Gray - Red
 Sh - white
 LS - Tan - Lt. Gray. Substr. DNS
 Sh - Gray - Red. Red. Fractured
 base of A. White dol. rock
 Dolo - Dotted - Lt. Gray. Br. Substr.
 DNS
 Dolo - Av. Dotted - Lt. Gray. Fr. sec.
 clay. base. Heavy. Br. Heavy
 top. Weathered. Lt. Gray. Heavy
 Br. Lt. Gray oil st. - sand. GSA
 Green color.

Cherokee sand
 4142' - 4170'
 45" - 45" - 45" - 45"
 IH 2044#
 IF 19.60
 Bu. H to 9 in.
 ISI 679#
 Dead
 FP 61.81#
 BOR 38 min.
 FSI 858#
 Dead
 FH 1958#
 BHT 119°F
 Recovery:
 64' GIP
 7' Clean Oil
 153' W.M.
 Ch. 18,000 ppm

DST#3
 Mississippian
 4235' - 4343'
 30" - 30" - 30" - 30"

IH 2107#
 IF 20.82#
 80817 min.
 ISI 1148#
 Bu. H to 1/2 in.
 FP 80.131#
 BOR 24 min.
 FSI 1144#
 Bu. H to 1/4 in.
 FH 2019#
 BHT 122°F
 Recovery:
 77' GIP
 24' Clean Oil
 244' 50% W.M.
 5% Oil, 75% Water


 Respectfully
 Jason Sh
 2-5-10





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

Schniepp #1-31 NE
31-18s-21w-Ness
 Job Ticket: 37120 **DST#: 1**
 Test Start: 2010.02.04 @ 04:57:36

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:15:06
 Time Test Ended: 12:41:36
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Interval: **4110.00 ft (KB) To 4149.00 ft (KB) (TVD)**
 Total Depth: 4149.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Reference Elevations: 2131.00 ft (KB)
 2123.00 ft (CF)
 KB to GR/CF: 8.00 ft

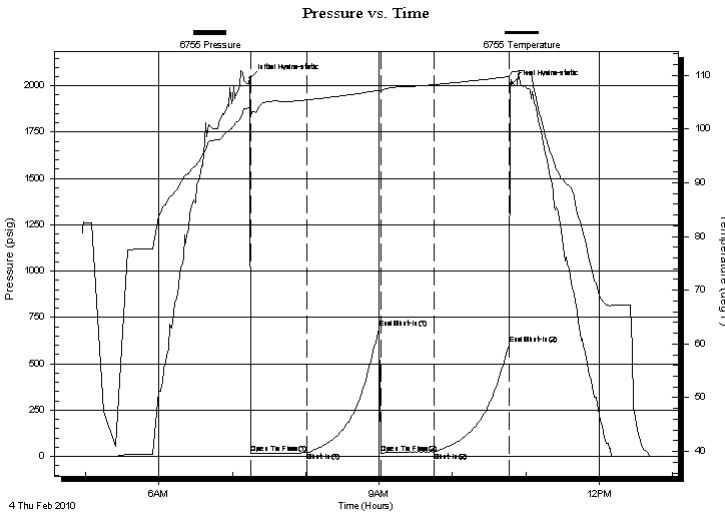
Serial #: 6755

Inside

Press @ Run Depth: 24.48 psig @ 4113.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.02.04 End Date: 2010.02.04 Last Calib.: 2010.02.04
 Start Time: 04:57:38 End Time: 12:41:36 Time On Btm: 2010.02.04 @ 07:14:36
 Time Off Btm: 2010.02.04 @ 10:47:36

TEST COMMENT: IFP-Fair Blow ,Built to 7-1/2"
 ISI-Dead
 FFP-Good Blow ,BOB in 37 Min.
 FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2040.21	103.85	Initial Hydro-static
1	15.08	102.35	Open To Flow (1)
46	19.37	105.42	Shut-In(1)
106	691.27	107.22	End Shut-In(1)
107	17.68	106.98	Open To Flow (2)
151	24.48	108.25	Shut-In(2)
212	605.64	109.78	End Shut-In(2)
213	2006.89	110.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Gassy OCM-5%G-25%O-70%M	0.42
0.00	180' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

Schniepp #1-31 NE

PO Box 399
Garden City, KS 67846

31-18s-21w-Ness

Job Ticket: 37120

DST#: 1

ATTN: Jason Alm

Test Start: 2010.02.04 @ 04:57:36

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Gassy OCM-5%G-25%O-70%M	0.421
0.00	180' Gas In Pipe	0.000

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

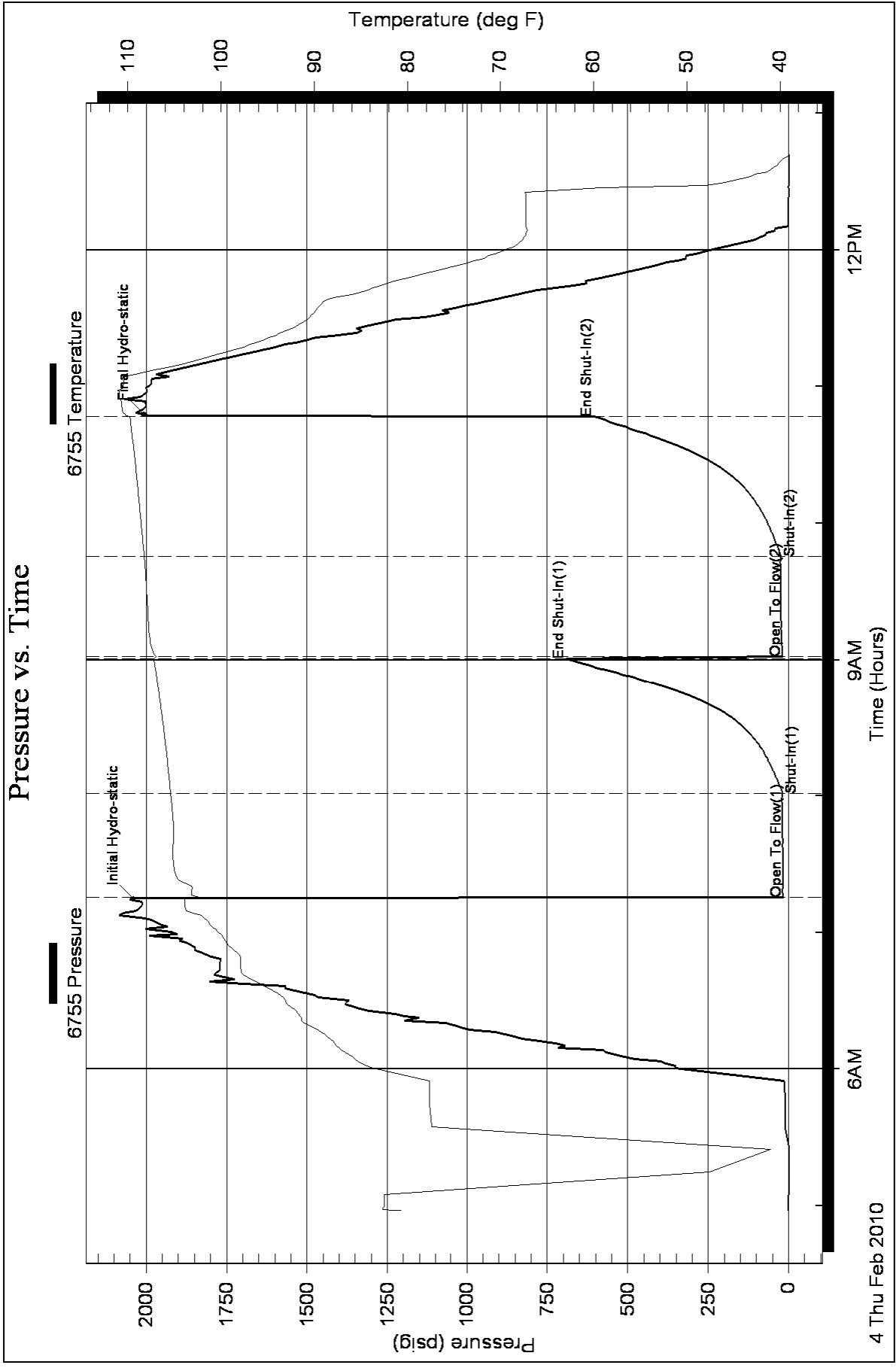
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

Schniepp #1-31 NE
31-18s-21w-Ness
Job Ticket: 38033 **DST#: 2**
Test Start: 2010.02.04 @ 18:41:38

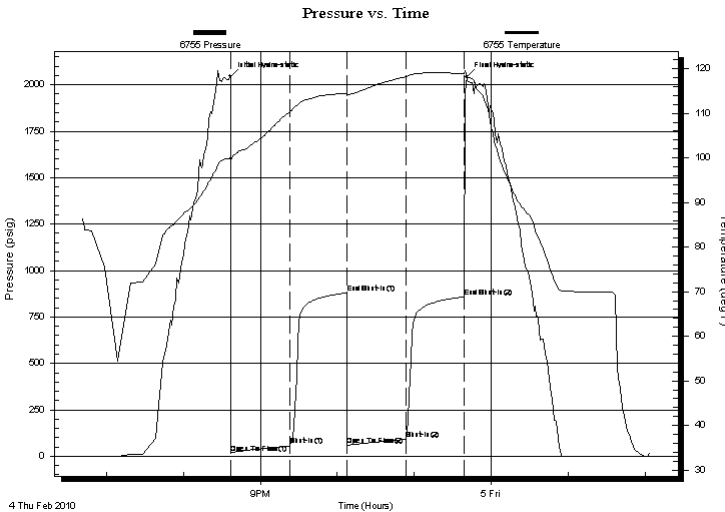
GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:37:08
Time Test Ended: 02:03:38
Interval: **4142.00 ft (KB) To 4170.00 ft (KB) (TVD)**
Total Depth: 4170.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 32
Reference Elevations: 2131.00 ft (KB)
2123.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6755 Inside
Press @ Run Depth: 91.41 psig @ 4147.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.02.04 End Date: 2010.02.05 Last Calib.: 2010.02.05
Start Time: 18:41:40 End Time: 02:03:38 Time On Btm: 2010.02.04 @ 20:36:38
Time Off Btm: 2010.02.04 @ 23:40:38

TEST COMMENT: IFP-Fair blow built to 9' in
ISI-DEAD
FFP-Good blow, BOB in 38 min
FSI-DEAD

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.48	100.44	Initial Hydro-static
1	18.50	99.39	Open To Flow (1)
47	59.72	110.48	Shut-In(1)
91	879.18	114.45	End Shut-In(1)
91	61.26	114.06	Open To Flow (2)
137	91.41	118.17	Shut-In(2)
182	858.45	118.91	End Shut-In(2)
184	2042.83	118.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
7.00	Clean oil	0.10
153.00	WM62%W38%M	2.15
0.00	64' GIP	0.00

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

Schniepp #1-31 NE
31-18s-21w-Ness
Job Ticket: 38033 **DST#: 2**
Test Start: 2010.02.04 @ 18:41:38

Mud and Cushion Information

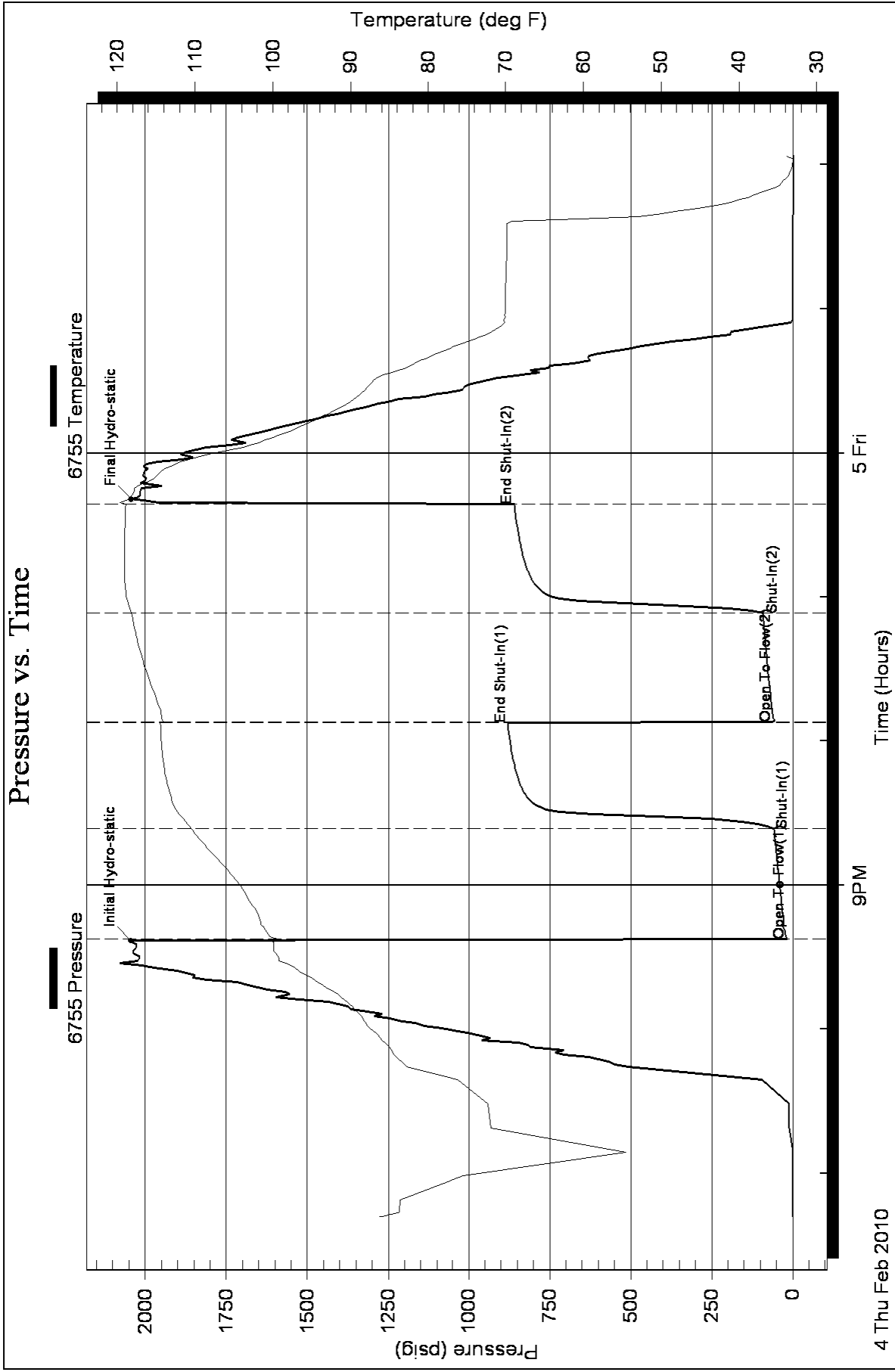
Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 18000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
7.00	Clean oil	0.098
153.00	WM62%W38%M	2.146
0.00	64' GIP	0.000

Total Length: 160.00 ft Total Volume: 2.244 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, Inc.
 PO Box 399
 Garden City, KS 67846
 ATTN: Jason Alm

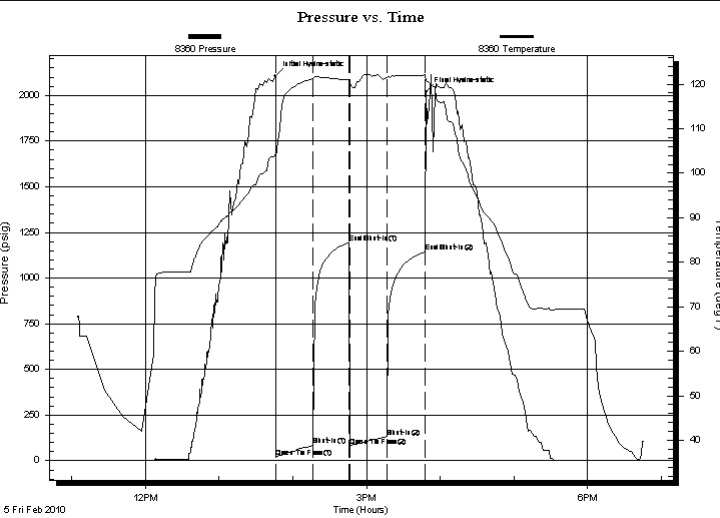
Schniepp #1-31 NE
31-18s-21w-Ness
 Job Ticket: 38034 **DST#: 3**
 Test Start: 2010.02.05 @ 11:04:49

GENERAL INFORMATION:

Formation: **miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:46:19
 Time Test Ended: 18:47:19
 Interval: **4235.00 ft (KB) To 4243.00 ft (KB) (TVD)**
 Total Depth: 4243.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jeff Brown
 Unit No: 32
 Reference Elevations: 2131.00 ft (KB)
 2123.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8360 Outside
 Press @ Run Depth: 130.94 psig @ 4240.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.02.05 End Date: 2010.02.05 Last Calib.: 2010.02.05
 Start Time: 11:04:51 End Time: 18:47:19 Time On Btm: 2010.02.05 @ 13:45:49
 Time Off Btm: 2010.02.05 @ 15:48:49

TEST COMMENT: IFP-BOB in 17 min
 ISI-Weak blow back built to 1/8 in
 FFP-BOB in 25 min
 FSI- Weak blow back built to 1/4 in



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.39	104.31	Initial Hydro-static
1	20.14	103.61	Open To Flow (1)
31	82.42	121.27	Shut-In(1)
60	1192.86	120.93	End Shut-In(1)
61	80.44	120.41	Open To Flow (2)
91	130.94	121.40	Shut-In(2)
122	1143.86	122.04	End Shut-In(2)
123	2019.08	120.82	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
24.00	Cean oil	0.34
244.00	SOCWM5%020%M75%W	3.42
0.00	77'GIP	0.00

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

