



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: _____



1096904

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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CHARGE TO: American Warrior
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 N^o 23217

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Nuss City KS WELL/PROJECT NO. 2-30 LEASE Fedel COUNTY/PARISH Rooks STATE KS CITY Plainville DATE 25 APR 12 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR VAL RIG NAME/NO. 3 SHIPPED VAL DELIVERED TO location ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE connect long string WELL PERMIT NO. WELL LOCATION 30-19-18W
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		9			MILEAGE	30	mi			6.00	180.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	5 1/2	in	7	ea	70.00	490.00
403		1			Cement Basket	5 1/2	in			250.00	250.00
404		1			Port Collar	5 1/2	in	1	ea	2400.00	2400.00
405		1			Formation Packer Shoe	5 1/2	in	1	ea	1400.00	1400.00
406		1			Latch Down plug & Bopples	5 1/2	in	1	ea	250.00	250.00

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
 DATE SIGNED TIME SIGNED A.M. P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	6470.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	5627.63
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	12,097.63
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Rooks TAX 6.3%	593.85
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	12,691.48
<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 APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 23217

CUSTOMER American Warrior WELL Fedel 2-30 DATE 25 AUG 12 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M		
325		1				STANDARD cement (FOR EA-2)	175	sk			13.50	2362.50
284		1				calseal	800	lb	8	sk	35.00	280.00
283		1				salt	900	lb			0.20	180.00
292		1				halad-322	125	bb			7.75	968.75
276		1				Flocele	50	lb			2.00	100.00
281		1				mudflush	500	gal			1.25	625.00
221		1				KCH liquid	2	gal			25.00	50.00
290		1				D-AIR	2	gal			35.00	70.00
581						SERVICE CHARGE	175				2.00	350.00
583						MILEAGE CHARGE	TOTAL WEIGHT 18325	LOADED MILES 20	TON MILES 641.38		1.00	641.38

CONTINUATION TOTAL 5627.63



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

TICKET
 N^o 21893

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Hays, Ks.</u>	WELL/PROJECT NO. <u># 2-30</u>	LEASE <u>Fedel</u>	COUNTY/PARISH <u>Rooks</u>	STATE <u>Ks</u>	CITY	DATE <u>9-18-12</u>	OWNER <u>same</u>
2. <u>Ness City, Ks.</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Express Well Service</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
3.	WELL TYPE <u>SMD</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Port Cellar</u>	WELL PERMIT NO.		WELL LOCATION	
4.	INVOICE INSTRUCTIONS						
REFERRAL LOCATION							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #111	40	mi			6 ⁰⁰	240 ⁰⁰
578-D		1			Pump Charge (Port Cellar)	1	sq	1602'		1250 ⁰⁰	1250 ⁰⁰
290		1			D-Air	2	gal			35 ⁰⁰	70 ⁰⁰
100		1			Mileage-Toolman	40	mi			2 ⁰⁰	80 ⁰⁰
105		1			Port Cellar Tool Rental/Man	1	sk			350 ⁰⁰	350 ⁰⁰
330		2			SMD Cement	200	sk			16 ⁵⁰	3300 ⁰⁰
276		2			Flocele	50	sk			2 ⁰⁰	100 ⁰⁰
581		2			Cement Service Charge	200	sk			2 ⁰⁰	400 ⁰⁰
583		2			Drayage	376	TM			1 ⁰⁰	376 ⁰⁰

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

X
 DATE SIGNED 9-18-12 TIME SIGNED 1600 A.M. P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	6166 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 checked="" type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	6384 ⁶¹

Rooks TAX 6.3% 218⁶¹

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

SWIFT OPERATOR Mike Foshe APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE _____ PAGE NO. _____

CUSTOMER *American Warrior Inc* WELL NO. # *2-30* LEASE *Fedel* JOB TYPE *Port Collar* TICKET NO. _____

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							on loc set up Trks
								2 3/8" x 5 1/2" P.C. 1602'
	1410						1000	Test Csg Open P.C.
	1420	3	5			800		Take injection rate & check for blow no blow
	1425	3.5	0			800		Start Cement
	1448	3.5	80			600		shut down dig out Braden Head to look for valve, open valve & resume mix ing, no blow
	1510	3.5	80			600		raise weight start Displacement Cement Displaced Close P.C.
	1511	3.5	100					
	1513	3.5	105/0					
	1515		5					
	1518						1000	Test Csg run 5 jts reverse out Hole Clean
	1530	3	0					
	1535		15					
								no circ. no blow
								Thank you Nick, David E., & Rob



CHARGE TO: Americas Warrina
 ADDRESS:
 CITY, STATE, ZIP CODE: Fedel

TICKET
 N^o 21849

PAGE 1 OF 1

SERVICE LOCATIONS
 1. 1/2 way, KS WELL/PROJECT NO. 2-30 LEASE Fadel COUNTY/PARISH Rooks STATE KS CITY DATE 9-22-12 OWNER Some
 2. TICKET TYPE SERVICE CONTRACTOR Express Well Serv. RIG NAME/NO. SHIPPED VIA BIT DELIVERED TO Loc. ORDER NO.
 3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Square Peeb WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #112	50	mil			6.00	300	00
577		1			Pump Service	1	ea			1,000.00	1,000	00
581		1			Service Charge	100	sk			2.00	200	00
582		1			Drayage	Minimum				250.00	250	00
325		1			Standard Cement	100	sk			13.50	1350	00
278		1			Calcium Chloride	3	sk			40.00	120	00

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

DATE SIGNED TIME SIGNED A.M. P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
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			

PAGE TOTAL	3,220	00
TOTAL	3312	61

Rooks TAX 6.3% 92.61

JOB LOG

SWIFT Services, Inc.

DATE 5-22-12 PAGE NO. 1

CUSTOMER American Service WELL NO. 2-30 LEASE Fadel JOB TYPE Squeeze Peels TICKET NO. 21849

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							on loc. set up truck Peels 620' PKR 538'
	0850	2				400	500	Press Ann 500psi holding Tub Rate 2 BPM 400psi No Blow on Braden head
	0900	1 1/2				300		MIX 100psi Std. 3% CC
	0925		21					Finish mixing Wash out pump & line Displ.
	0930		2.5			300		2 1/2" SS in 300psi PKR clear shut in wash up truck
	10:00							Press @ 200psi Increase to 400 slow bleed off
	10:55						800	Stage Squeeze Holding 800psi Release press bleed up Reverse cut short way Pull PKR out of hole
			5			500		Press 5 1/2" Csg 500 psi shut in @ well head Pack up truck
	12:00							JOB Complete.

[Signature]

Reggie Fuchs Rob



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

TICKET
 No 22836

PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Hays, Ks</i>	WELL/PROJECT NO. <i>2-30</i>	LEASE <i>Federal</i>	COUNTY/PARISH <i>Rooks</i>	STATE <i>Ks</i>	CITY	DATE <i>9-26-12</i>	OWNER
2. <i>Ness City, Ks</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Express</i>	RIG NAME/NO. <i>(Lucks)</i>	SHIPPED VIA <i>113</i>	DELIVERED TO <i>W/Plainville, Ks</i>	ORDER NO.	
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>infield</i>	JOB PURPOSE <i>Perf Squeeze</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>575</i>		<i>1</i>			MILEAGE # <i>113</i>	<i>30</i>	<i>Mi</i>			<i>600</i>	<i>180.00</i>
<i>577</i>		<i>1</i>			<i>Pump Charge - Shallow Squeeze</i>	<i>1000</i>	<i>gal</i>	<i>600</i>	<i>ft.</i>	<i>1000.00</i>	<i>1000.00</i>
<i>290</i>		<i>1</i>			<i>D-Air</i>	<i>2</i>	<i>gal</i>			<i>35.00</i>	<i>70.00</i>
<i>325</i>		<i>2</i>			<i>Stackwell Cut</i>	<i>150</i>	<i>SKS</i>	<i>14100</i>	<i>lbs</i>	<i>13.50</i>	<i>2025.00</i>
<i>278</i>		<i>2</i>			<i>Calcium Chloride</i>	<i>5</i>	<i>SKS</i>	<i>700</i>	<i>lbs</i>	<i>40.00</i>	<i>200.00</i>
<i>581</i>		<i>2</i>			<i>Service charge - cut</i>	<i>150</i>	<i>SKS</i>	<i>14500</i>	<i>lbs</i>	<i>200</i>	<i>30000</i>
<i>583</i>		<i>2</i>			<i>Drayage</i>	<i>50</i>	<i>Mi</i>	<i>362.5</i>	<i>Ton</i>	<i>100</i>	<i>362.50</i>
					<i>50 Mi</i>						

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

X *Joe S by Don L*
 DATE SIGNED *9-26-12* TIME SIGNED *0830*
 A.M. P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<i>4137.50</i>
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	<i>4282.09</i>

Rooks TAX 16.3%
144.59

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

SWIFT OPERATOR
Don Lemman

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 7-26-12 PAGE NO. 1

CUSTOMER *AWI* WELL NO. *2-30* LEASE *Faddel* JOB TYPE *cut Profs Squeeze* TICKET NO. *22836*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0815							On location
								Set up Trk
								Perfs 620' - PRR @ 538'
							500	Ann
		2 3/4	5			300		Fix valve - H ₂ O
								Start 150 SKS Std. Cut, 300CC
						250		Have CIR 8 5/8
	0920					350		Fix cut - Close in 250* - NO returns
								Wash up P.T.
	0935	1/2	2 1/2			250		Disp 2 1/2 BBI - Little H ₂ O Returns
	0940					250		Close 8 5/8 valves
	0945	1/2	3			250	500	Pump 1/2 BBI - Close in 250*
								Job Complete
								Rack up Trks
	18:00							
								<i>WKS</i> <i>Winn, Brown & Co.</i>



CHARGE TO: *American Warrior*
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET N^o 22876

PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Hays Co</i>	WELL/PROJECT NO. <i>2-30</i>	LEASE <i>Fadel</i>	COUNTY/PARISH <i>ooks</i>	STATE <i>Ks.</i>	CITY	DATE <i>10/4/12</i>	OWNER <i>Same</i>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Express Well Serv</i>	RIG NAME/NO.	SHIPPED VIA <i>CIT</i>	DELIVERED TO <i>Loc</i>	ORDER NO.	
3.	WELL TYPE <i>Disposal</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Cmt. Top Outside</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
<i>575</i>		<i>1</i>			<i>MILEAGE #112</i>	<i>40</i>	<i>mi</i>			<i>6.00</i>	<i>240</i>	<i>.00</i>
<i>577</i>		<i>1</i>			<i>Pump Service</i>	<i>1</i>	<i>ea</i>			<i>1,000.00</i>	<i>1,000</i>	<i>.00</i>
<i>290</i>		<i>1</i>			<i>D-Air</i>	<i>1</i>	<i>qt</i>			<i>35.00</i>	<i>35</i>	<i>.00</i>
<i>520.5E</i>		<i>1</i>			<i>Service Charge</i>	<i>100</i>	<i>sk</i>			<i>2.00</i>	<i>200</i>	<i>.00</i>
<i>583</i>		<i>1</i>			<i>Drayage</i>	<i>222</i>	<i>701 miles</i>			<i>1.00</i>	<i>222</i>	<i>.00</i>
<i>325</i>		<i>1</i>			<i>Standard Cement</i>	<i>100</i>	<i>sk</i>			<i>13.50</i>	<i>1,350</i>	<i>.00</i>

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

DATE SIGNED

TIME SIGNED A.M. P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<i>3107</i>	<i>.00</i>
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	<i>3194</i>	<i>.26</i>

ooks TAX 16.3%

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

SWIFT OPERATOR *[Signature]* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 10-4-12 PAGE NO. 1

CUSTOMER American Narris WELL NO. 2-30 LEASE Fadel JOB TYPE Cont. Top Outside TICKET NO. 22876

CHART NO.	TIME	RATE (BPM)	VOLUME (BBQ) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							on loc. set up truck Rig running 1" tubing Between 5 1/2" + 8 7/8" Csg's
	10:25	1				200		261' in Inj. Rate 1 BPM 200 psi Start mixing 100 sks Standard Cement
	10:55							70 sks mixed Cik. cont. to surface wash up truck pull tubing out of hole wash out tubing Pack up truck
	11:30							Job Complete

Thank You

Roger Josh Tom



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67646

ATTN: Cecll O Brate

Fedel #2-30

30-9s-18w Rooks,KS

Start Date: 2012.08.23 @ 12:57:43

End Date: 2012.08.23 @ 18:36:43

Job Ticket #: 48531 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.28 @ 10:55:23



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67646
ATTN: Cecll O Brate

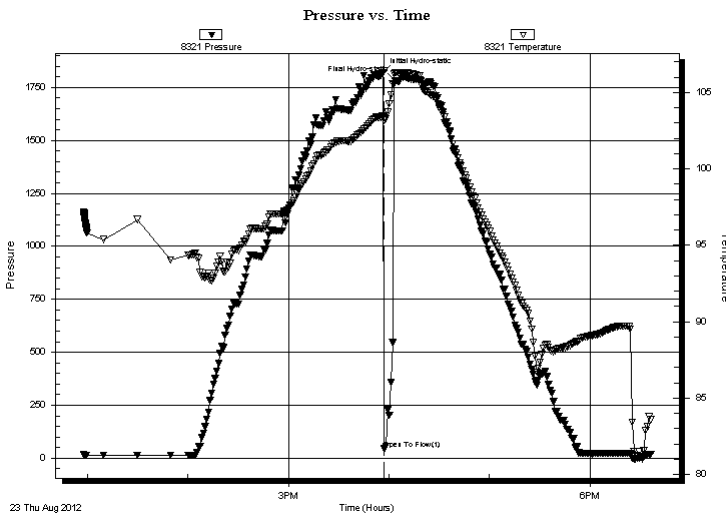
30-9s-18w Rooks,KS
Fedel #2-30
Job Ticket: 48531 **DST#: 1**
Test Start: 2012.08.23 @ 12:57:43

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:57:13
Time Test Ended: 18:36:43
Interval: **3587.00 ft (KB) To 3627.00 ft (KB) (TVD)**
Total Depth: 3627.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Jeff Brown
Unit No: 44
Reference Elevations: 2203.00 ft (KB)
2191.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8321 Inside
Press @ Run Depth: psig @ 3591.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.23 End Date: 2012.08.23 Last Calib.: 2012.08.23
Start Time: 12:57:44 End Time: 18:36:43 Time On Btm: 2012.08.23 @ 15:56:43
Time Off Btm: 2012.08.23 @ 16:03:43

TEST COMMENT: MIS-Run Packer Failure



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1821.21	103.50	Initial Hydro-static
1	43.97	103.19	Open To Flow (1)
7	1781.38	106.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
465.00	MUD	6.52

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67646
ATTN: Cecll O Brate

30-9s-18w Rooks,KS
Fedel #2-30
Job Ticket: 48531 **DST#: 1**
Test Start: 2012.08.23 @ 12:57:43

Tool Information

Drill Pipe:	Length: 3599.00 ft	Diameter: 3.80 inches	Volume: 50.48 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	69000.00 lb
			<u>Total Volume: 50.48 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	3587.00 ft			Final	63000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	40.00 ft				
Tool Length:	60.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Mis-Run Packer Failure

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			3568.00	
Shut In Tool	5.00			3573.00	
Hydraulic tool	5.00			3578.00	
Packer	4.00			3582.00	20.00 Bottom Of Top Packer
Packer	5.00			3587.00	
Stubb	1.00			3588.00	
Perforations	2.00			3590.00	
Change Over Sub	1.00			3591.00	
Recorder	0.00	8321	Inside	3591.00	
Recorder	0.00	8737	Outside	3591.00	
Drill Pipe	30.00			3621.00	
Change Over Sub	1.00			3622.00	
Perforations	2.00			3624.00	
Bullnose	3.00			3627.00	40.00 Bottom Packers & Anchor

Total Tool Length: 60.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67646
ATTN: Cecll O Brate

30-9s-18w Rooks,KS
Fedel #2-30
Job Ticket: 48531 **DST#: 1**
Test Start: 2012.08.23 @ 12:57:43

Mud and Cushion Information

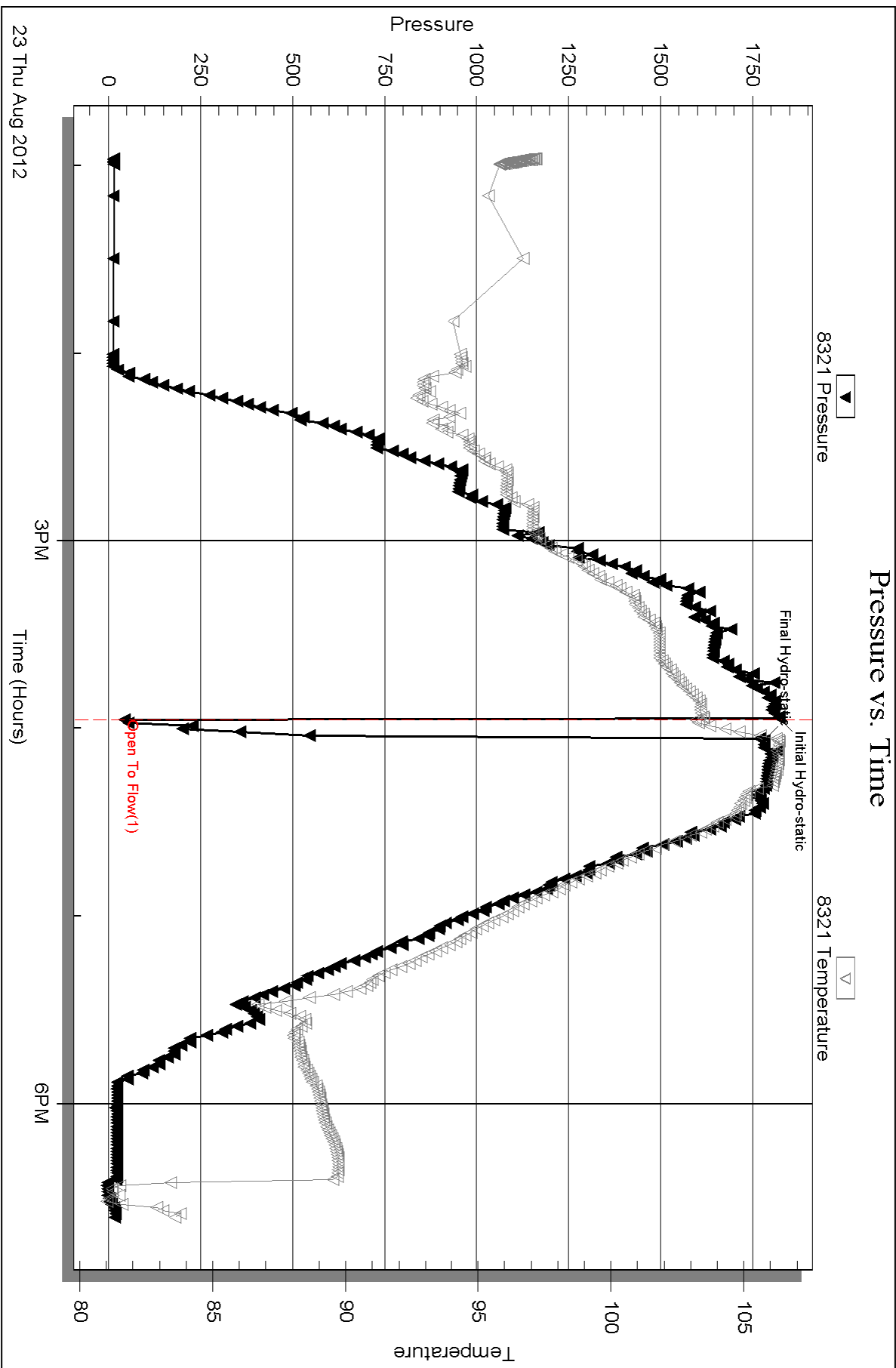
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
465.00	MUD	6.523

Total Length: 465.00 ft Total Volume: 6.523 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: MIS-Run Packer Failure

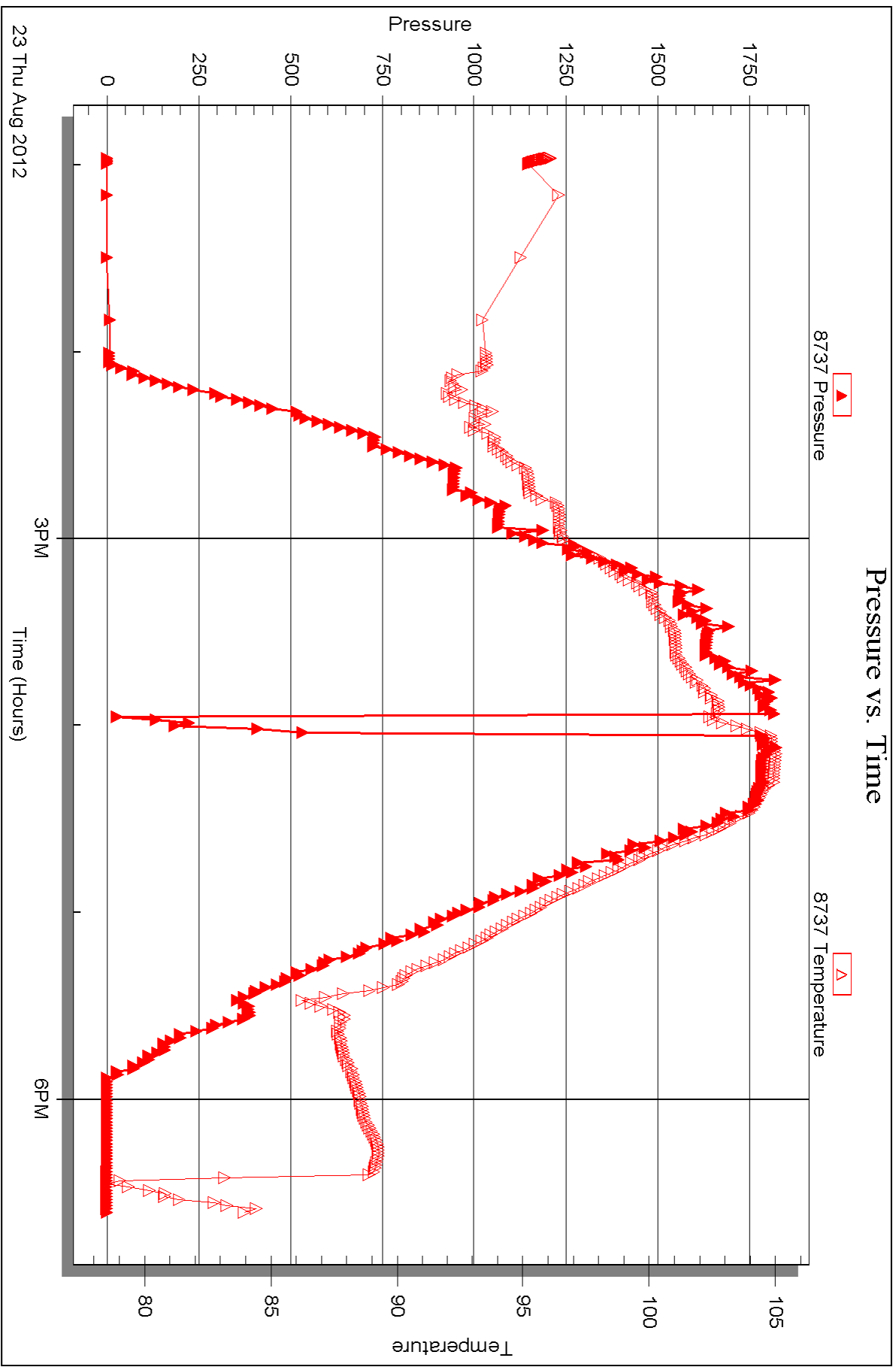


Serial #: 8737

Outside American Warrior Inc

Fedel #2-30

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67646

ATTN: Cecll O Brate

Fedel #2-30

30-9s-18w Rooks,KS

Start Date: 2012.08.23 @ 19:02:05

End Date: 2012.08.24 @ 01:00:05

Job Ticket #: 48532 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.28 @ 10:54:24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67646
ATTN: Cecll O Brate

30-9s-18w Rooks,KS

Fedel #2-30

Job Ticket: 48532

DST#: 2

Test Start: 2012.08.23 @ 19:02:05

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 21:04:05
 Tester: Jeff Brown
 Time Test Ended: 01:00:05
 Unit No: 44
 Interval: **3583.00 ft (KB) To 3627.00 ft (KB) (TVD)**
 Reference Elevations: 2203.00 ft (KB)
 Total Depth: 3627.00 ft (KB) (TVD)
 2191.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 12.00 ft

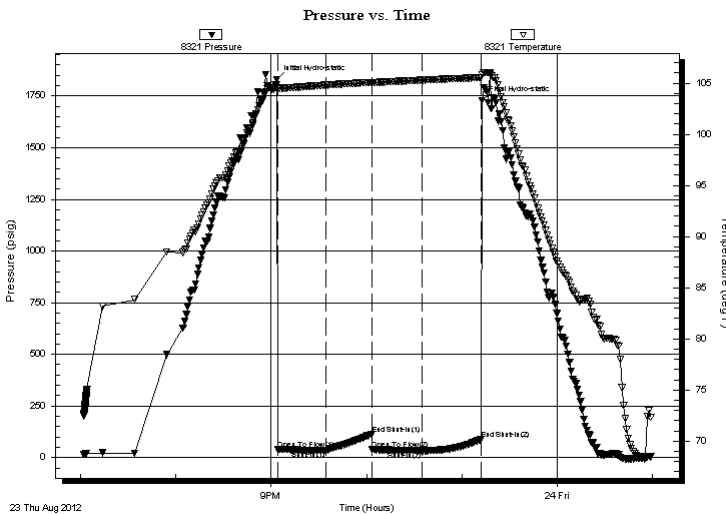
Serial #: 8321

Inside

Press @ RunDepth: 33.26 psig @ 3587.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.23 End Date: 2012.08.24 Last Calib.: 2012.08.24
 Start Time: 19:02:06 End Time: 00:59:05 Time On Btm: 2012.08.23 @ 21:03:35
 Time Off Btm: 2012.08.23 @ 23:12:35

TEST COMMENT: IFP=Weak blow built to 1/2 in
 ISI=Dead no blow back
 FFP=Weak surface blow
 FSI=Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1829.75	104.84	Initial Hydro-static
1	42.17	104.56	Open To Flow (1)
31	35.13	104.81	Shut-In(1)
60	113.54	105.08	End Shut-In(1)
60	39.12	105.07	Open To Flow (2)
91	33.26	105.30	Shut-In(2)
129	88.72	105.55	End Shut-In(2)
129	1726.66	105.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud with oil spots	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67646
ATTN: Cecll O Brate

30-9s-18w Rooks,KS
Fedel #2-30
Job Ticket: 48532 **DST#: 2**
Test Start: 2012.08.23 @ 19:02:05

Tool Information

Drill Pipe:	Length: 3568.00 ft	Diameter: 3.80 inches	Volume: 50.05 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	69000.00 lb
			<u>Total Volume: 50.05 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	3583.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	64.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3564.00	
Shut In Tool	5.00			3569.00	
Hydraulic tool	5.00			3574.00	
Packer	4.00			3578.00	20.00 Bottom Of Top Packer
Packer	5.00			3583.00	
Stubb	1.00			3584.00	
Perforations	2.00			3586.00	
Change Over Sub	1.00			3587.00	
Recorder	0.00	8321	Inside	3587.00	
Recorder	0.00	8737	Outside	3587.00	
Drill Pipe	30.00			3617.00	
Change Over Sub	1.00			3618.00	
Perforations	6.00			3624.00	
Bullnose	3.00			3627.00	44.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67646
ATTN: Cecll O Brate

30-9s-18w Rooks,KS
Fedel #2-30
Job Ticket: 48532 **DST#: 2**
Test Start: 2012.08.23 @ 19:02:05

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w ith oil spots	0.070

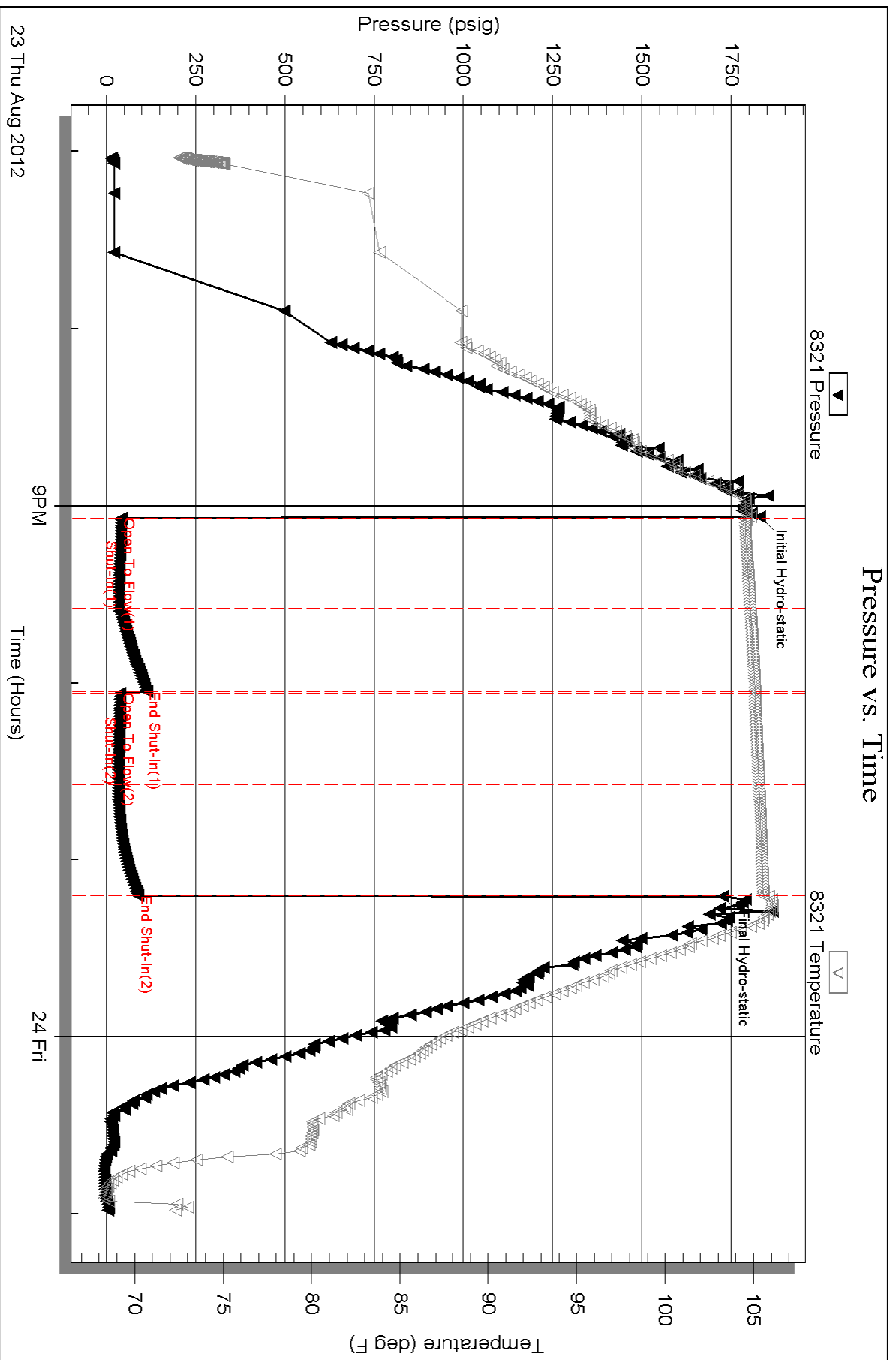
Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

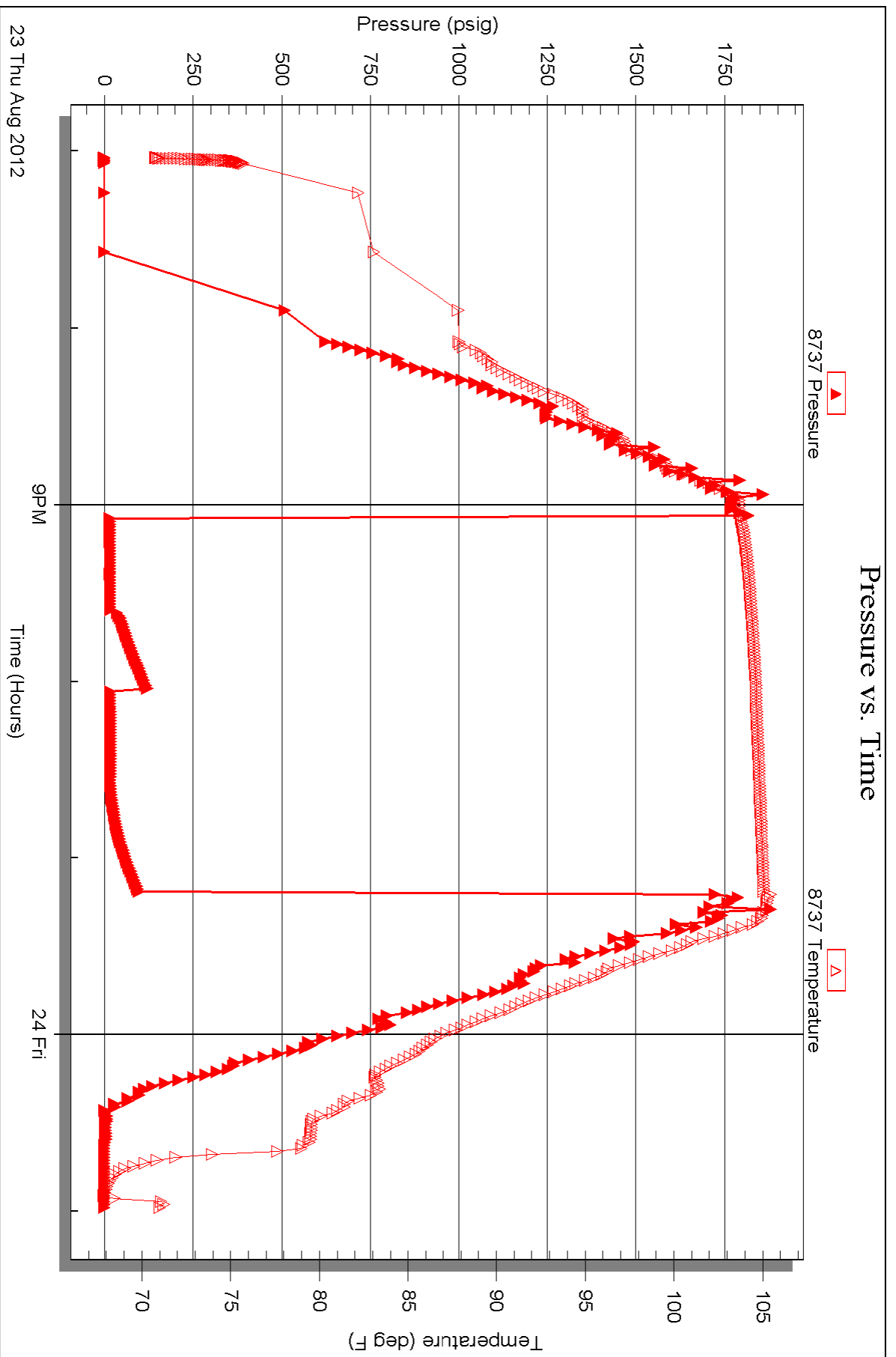


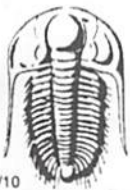
Serial #: 8737

Outside American Warrior Inc

Fedel #2-30

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48531

Well Name & No. Fedel 2-30 Test No. 1 Date 8-23-12
 Company American Warrior INC Elevation 2203 KB 2191 GL
 Address Box 399 Garden City KS 67640
 Co. Rep / Geo. Mark Downing Rig UAL #3
 Location: Sec. 30 Twp. 9s Rge. 18w Co. ROOKS State KS

Interval Tested 3587-3627 Zone Tested Arbuckle
 Anchor Length 40 Drill Pipe Run 3599 Mud Wt. 9.4
 Top Packer Depth 3582 Drill Collars Run 0 Vis 49
 Bottom Packer Depth 3587 Wt. Pipe Run 0 WL 8.0
 Total Depth 3627 Chlorides 2000 ppm System LCM 1

Blow Description ~~FR~~ Mis Run Packer Failure

Rec	Feet of	%gas	%oil	%water	%mud
<u>465</u>	<u>MUD</u>				<u>100</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 465 BHT 103 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1821 Test 950 T-On Location 11:01
 (B) First Initial Flow 44 Jars T-Started 12:57
 (C) First Final Flow _____ Safety Joint T-Open 15:57
 (D) Initial Shut-In _____ Circ Sub T-Pulled 16:05
 (E) Second Initial Flow _____ Hourly Standby T-Out 18:36
 (F) Second Final Flow _____ Mileage 64 RT 99.20
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 1781 Straddle _____

Initial Open _____ Ruined Shale Packer _____
 Initial Shut-In _____ Ruined Packer _____
 Final Flow Mis-Run Extra Packer _____
 Final Shut-In _____ Extra Recorder _____
 Sub Total 0
 Total 1049.20
 MP/DST Disc't _____
 Sub Total 1049.20

Approved By _____ Our Representative Jeff Brown

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48532

Well Name & No. Fedel 2-30 Test No. 2 Date 8-23-12
 Company American Warrior INC Elevation 2203 KB 2191 GL
 Address PO Box 399 Garden City KS 67640
 Co. Rep / Geo. Mark Downing Rig VAL #3
 Location: Sec. 30 Twp. 9S Rge. 18W Co. Rooks State KS

Interval Tested 3583-3627 Zone Tested ArBuckle
 Anchor Length 44 Drill Pipe Run 3568 Mud Wt. 9.4
 Top Packer Depth 3578 Drill Collars Run 0 Vis 49
 Bottom Packer Depth 3583 Wt. Pipe Run 0 WL 8.0
 Total Depth 3627 Chlorides 2000 ppm System LCM 1
 Blow Description JAP-Weak Blow Built to 1/2 IN
TST-Dead No Blow Back
FF-Weak surface Blow
FSI-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>MYD with oil spots</u>				<u>100%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 1040 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1830 Test 1150 T-On Location _____
 (B) First Initial Flow 42 Jars T-Started 19:02
 (C) First Final Flow 35 Safety Joint T-Open 21:05
 (D) Initial Shut-In 114 Circ Sub T-Pulled 23:05
 (E) Second Initial Flow 39 Hourly Standby T-Out 1:00
 (F) Second Final Flow 33 Mileage 99.20 Comments Loaded Tool's
 (G) Final Shut-In 89 Sampler @ 13:48 on 8-24-12
 (H) Final Hydrostatic 1727 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 30 Extra Recorder Sub Total 0
 Initial Shut-In 30 Day Standby Total 1249.20
 Final Flow 30 Accessibility MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1249.20

Approved By _____ Our Representative Jeff Brown
 TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

COMPANY American Leavelle, Inc.

WELL Fedel # 2-30

FIELD Baumgarten

LOCATION 2301 St. + 222nd Ave

SEC. 30 T1P. 9S RGE. 18W

COUNTY Leake

STATE Kansas

OPERATOR American Leavelle + Inc.

CONTRACT No. Val. K.S. # 3

DATE 8-18-12

CASING RECORD
SHELF @ NA 3945 51" @ 36.12

TOTAL DEPTH LOG

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	DEPTH	STRUCTURAL POSITION
Top Anhydrite	1542	-9
Base Anhydrite	NA	
Tarpeka	3129	-9.29
Heebner	3339	-9.39
Taranta	3344	-11.04
LKC	3379	-11.79
BKC	3401	-14.01
Adwickle	3422	-14.22

REFERENCE WELL FOR STRUCTURE Leavelle Resources
Study # #3 NUN-NUN-3E Sec. 30-9-18W

DATE	DEPTH	NO	SIZE	WGT	TYPE	DEPTH OUT	FEET	LOGS

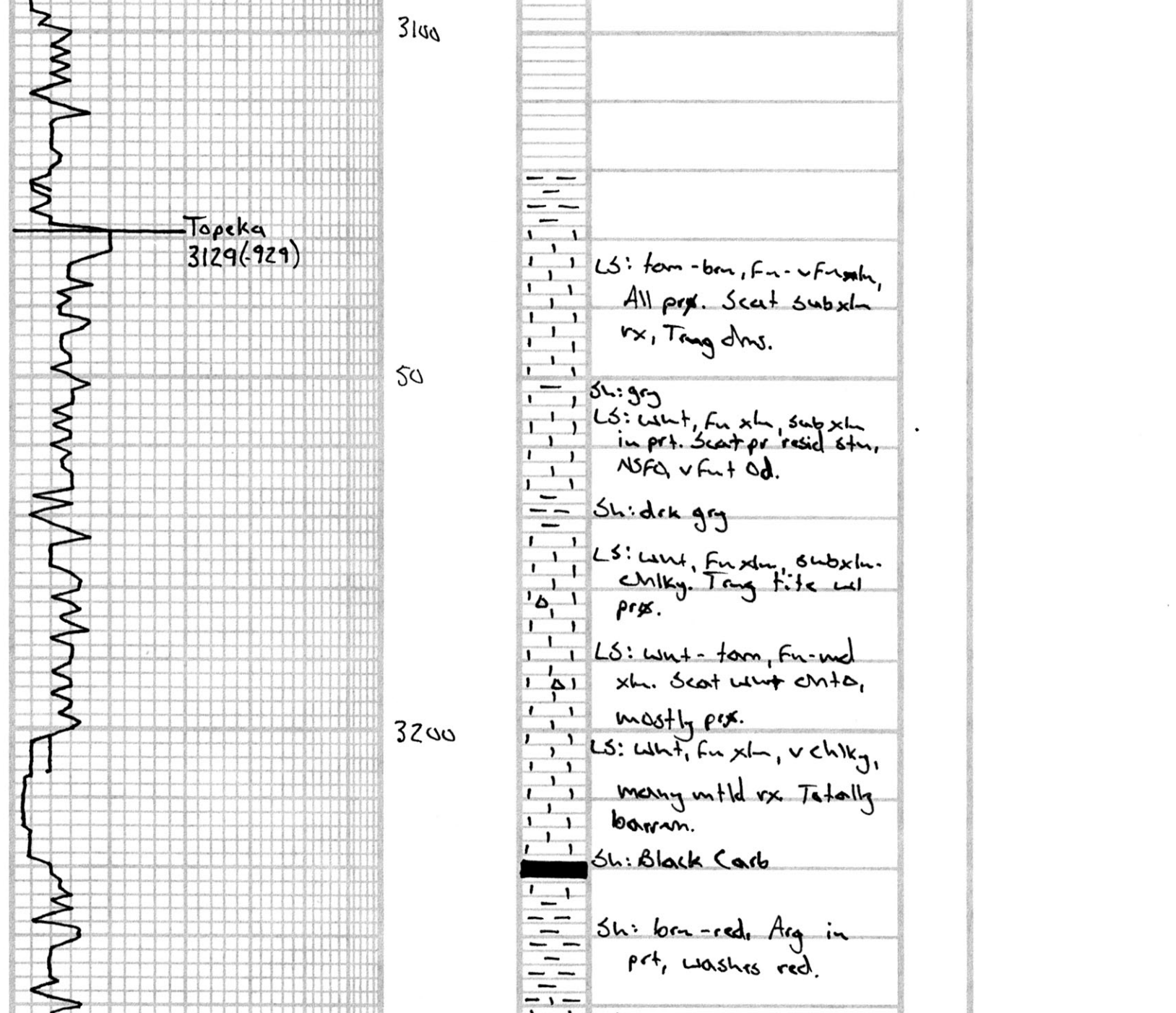
DRILL STEM TESTS	DATE	DEPTH	NO	SIZE	WGT	TYPE	DEPTH OUT	FEET	LOGS

REMARKS

FORMATION	DEPTH	STRUCTURAL POSITION
Top Anhydrite	1542	-9
Base Anhydrite	NA	
Tarpeka	3129	-9.29
Heebner	3339	-9.39
Taranta	3344	-11.04
LKC	3379	-11.79
BKC	3401	-14.01
Adwickle	3422	-14.22

REMARKS
Due to structural position + DST recovery, it was decided to cut 300' + of Anhydrite for SWO.

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
3050	LS: tan-brn, fin-v-fine, All prxs. Scat subxl. rx, Tang drns.			
3100	Sh: dk grg			
3150	LS: wht, fin xln, subxl. in prt. Scat pr resid str, NSFO, v fin Od.			
3200	Sh: dk grg			
3250	LS: wht, fin xln, subxl. chky. Tang fine ul prxs.			
3300	LS: wht-tan, fin-med xln. Scat wht chnta, mostly prxs.			
3350	LS: wht, fin xln, v chky, many mtd rx. Totally barren.			
3400	Sh: Black Carb			
3450	Sh: brn-red. Arg in prt, washes red.			
3500	LS: wht, fin-med xln, mostly prxs. Slightly subxl. Scat fass + tan-gry fass chnta. All NS.			
3550	Sh: grg			
3600	LS: tan, fin xln, drns			
3650	Sh: Black Carb			
3700	LS: wht-lt tan, fin-med xln, mostly subxl. chky, tang prxs + drns. All NS.			
3750	Sh: grg			
3800	LS: wht-tan, med xln, 1/2 or less, fr-gd intxln ul fr str SFO, No Od. Resid subxl-chky slty mtd. Tang prxs + drns.			
3850	Sh: Black Carb			
3900	Sh: grg ul brn			
3950	LS: wht, fin xln, prxs, scat subxl rx, NS.			
4000	Sh: dk grg			
4050	LS: wht, fin xln, subxl, scat wht-tan chnta, NS. tang drns, prxs.			
4100	LS: wht, fin xln, mostly sub xl. 2-3 or ul pr resid str, NSFO, lt-fut Od. tan-brn chnta.			
4150	Sh: grg ul brn			
4200	LS: wht, fin-med xln, scat smt fass, fr intxln + prxs. lt brn str, rare SFO, lt-fr Od. pr slty subxl.			
4250	Sh: grg			
4300	LS: wht, fin xln, prxs. Few subxl rx, NS.			
4350	LS: wht, fin-v-fine xln, hvy dead blk str, NSFO, lt Od.			
4400	LS: wht, med xln, smt fass, slty fass, fr intxln, gd intxln str, fr SFO, fr Od.			
4450	Sh: grg			
4500	LS: wht, med xln, fass, fr vngs fr str + SFO in 2-3 or, lt Od. Tang fin-v-fine xln + drns, No vngs, NS.			
4550	LS: tan-wht, fin-med xln, prxs, Scat resid str, NSFO, Tite.			
4600	Sh: dk grg-blk			
4650	Sh: grg ul brn			
4700	LS: wht, fin xln, fass, fr prxs ul brn str + sept d SFO, lt-fr Od. Fr amt tan shp chnta.			
4750	Sh: grg			
4800	LS: wht, fin xln, scat ool. All prxs, tite, NS.			
4850	LS: Much AIA, prxs + tite 2-3 or ul pr resid str, NSFO, fut Od.			
4900	Sh: dk grg-blk			
4950	LS: wht, med xln, mostly fin-v-fine xln, subxl. Scat lt brn str, rare SFO, lt Od. Many barren rx.			
5000	Sh: dk grg			
5050	LS: tan-wht, fin-med xln, drns.			
5100	Sh: brn ul grg + gen.			
5150	Scat tan dolo, med xln, fr int xln, gd sat ul gd SFO, gd Od. Much graymng. lt grg str.			
5200	Dolo: tan-wht, fr vngs, prxs, fr intxln ul fr str, fr SFO, gd Od. Fr amt fr intxln ul fr str, fr SFO, gd Od. Fr amt fr intxln ul fr str, fr SFO, gd Od.			
5250	LS: Mostly wht-tan, med-crs r-mmed, fr vngs, prxs, 2-3x ul fr intxln, gd intxln, gd sat ul gd SFO, gd Od.			
5300	Dolo: tan, med-crs r-mmed, prxs, tite, Scat fr str ul pr vngs SFO, fr Od.			
5350	Dolo: tan, fin-med r-mmed xln, gd intxln, gd sat ul gd SFO, vng, fr Od. much pygt.			
5400	Dolo: Some AIA, tang med-crs xln, fr vngs, chky in prt, scat SFO, fr Od.			
5450	Dolo: tan, med-crs r-mmed, scat gd vngs, friable, ul gd hvy SFO. Fr amt tite rx ul prxs, pr str. Fr Od.			
5500	No samples caught from 3750' to 3850'			
5550	Dolo: wht, med-crs r-mmed xln, gd vngs, ul some gilsomite str. Tang pygt + tite, No Od. Scat tan-wht chnta.			
5600	Dolo: wht, med-crs r-mmed xln, gd vngs, friable. Scat chky rx, Scat smt SFO. Few prxs ul gilsomite str, No Od.			
5650	Dolo: Much AIA, med-crs r-mmed xln, fr-gd vng + intxln, scat tite rx, friable. Totally barren.			
5700	Dolo: Some AIA, tang slty smt xln, gd intxln + vngs, friable. All NS. Scat chky rx.			
5750	Dolo: wht, med r-mmed xln, slty tite. Tang fr vngs, fr amt chky rx			
5800	Dolo: AIA ul scat pink dolo, tang tite.			



DEPTH	FORMATION	DEPTH	FORMATION
3129	Tarpeka	3339	Heebner
3344	Taranta	3379	LKC
3401	BKC	3422	Adwickle

DEPTH	FORMATION	DEPTH	FORMATION
3401	BKC	3422	Adwickle

DEPTH	FORMATION	DEPTH	FORMATION
3401	BKC	3422	Adwickle

DEPTH	FORMATION	DEPTH	FORMATION
3401	BKC	3422	Adwickle

DEPTH	FORMATION	DEPTH	FORMATION
3401	BKC	3422	Adwickle

Vis: 49 Lt: 9.4
OST #1
3587-3627
Mis-run. Backer held for 2 min, then failed. Pulled tool.
Rec: 465' mud

OST #2
3593-3627
30-30-30-30
I.F. - 1/2" blow
IFF: 42-35
FFP: 39-33
SFP: 114-89
HP: 1930-1727
Rec: 5' mud ul oil spots
BHT: 106"

Marc Downing