



KANSAS CORPORATION COMMISSION 1115095
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 # _____

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: _____



1115095

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	Irvin 4-6
Doc ID	1115095

Tops

Name	Top	Datum
Anhy	1559'	+724
B/Anhy	1600'	+683
Topeka	3284'	-1001
Heebner	3529'	-1246
Toronto	3550'	
Lansing	3572'	-1289
B/KC	3812'	-1529
Arbuckle	3884'	-1601

ALLIED OIL & GAS SERVICES, LLC 056088

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell, Ks

DATE 1-9-13	SEC. 6	TWP. 14	RANGE 19	CALLED OUT	ON LOCATION	JOB START 7:30 PM	JOB FINISH 8:00 PM
LEASE Truin	WELL# 4-b	LOCATION 14ays Ks			COUNTY Ellis	STATE Ks	

OLD OR NEW (Circle one) golf course rd 1/4 W of road 1/4 north 6.3

CONTRACTOR <u>Discovery Drilling #1</u>	OWNER <u>201</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D.
CASING SIZE <u>8 5/8</u>	DEPTH <u>222.64'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>13.22 ^{wt} / H₂O</u>	

CEMENT			
AMOUNT ORDERED	<u>150 sk.</u>		
	<u>31.00</u>	<u>2.1 gal</u>	
COMMON	<u>150 sk</u>	@ <u>17.90</u>	\$ <u>2,685.00</u>
POZMIX		@	
GEL	<u>3 sk</u>	@ <u>23.40</u>	\$ <u>70.20</u>
CHLORIDE	<u>5 sk</u>	@ <u>64.00</u>	\$ <u>320.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>162.09 ^{wt} / H₂O</u>	@ <u>2.48</u>	\$ <u>401.99</u>
MILEAGE	<u>111.00 ^{mi} / H₂O</u>	@ <u>2.60</u>	\$ <u>288.60</u>
			TOTAL \$ <u>3,765.79</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Bob S. 1</u>
# <u>409</u>	HELPER <u>Kevin R. 3</u>
BULK TRUCK	
# <u>481</u>	DRIVER <u>Mike M. Tuss</u>
BULK TRUCK	
#	DRIVER

REMARKS:

* Circulate mud to surface
 * Pump cont @ 150sk = 35.79 ^{wt} / H₂O
 2.285 ^{wt} / H₂O
 * Displace cont @ 13.22 ^{wt} / H₂O
 cont to surface
 * Close 8 5/8 to 300 psi.
Monte

SERVICE

DEPTH OF JOB	<u>222.64'</u>		
PUMP TRUCK CHARGE			\$ <u>1,812.25</u>
EXTRA FOOTAGE		@	
MILEAGE <u>Heavy 15mls</u>	@ <u>7.70</u>		\$ <u>115.50</u>
MANIFOLD <u>Light 15mls</u>	@ <u>4.40</u>		\$ <u>66.00</u>
	@		
	@		
			TOTAL \$ <u>1,993.75</u>

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

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
			TOTAL _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME CLIFF MAYFIELD
 SIGNATURE Cliff Mayfield

SALES TAX (if Any)	<u>193.73</u>
TOTAL CHARGES	\$ <u>5,459.54</u>
DISCOUNT	\$ <u>1,364.89</u>
IF PAID IN 30 DAYS	
BS 1-10	
4094.65	



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

TICKET
 No 23068

PAGE 1 OF 2

SERVICE LOCATIONS
 1. *Hays, KS*
 2.
 3.
 4.
 REFERRAL LOCATION

WELL/PROJECT NO.
4-6

LEASE
Irvin

COUNTY/PARISH
Ellis

STATE
Ks

CITY
Hays, KS

DATE
1-15-13

OWNER

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR
Discover Dns

RIG NAME/NO.
#1

SHIPPED VIA
CT

DELIVERED TO
SW/Hays, KS

ORDER NO.

WELL TYPE
oil

WELL CATEGORY
In Field

JOB PURPOSE
Cement Longstring

WELL PERMIT NO.

WELL LOCATION

INVOICE INSTRUCTIONS
Port Collar @ 1540.77

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>110</i>	<i>10</i>	<i>mi</i>			<i>600</i>	<i>6000</i>
<i>578</i>		<i>1</i>			Pump Charge - <i>cmt Longstring</i>	<i>1</i>	<i>ea</i>	<i>3969</i>	<i>ft</i>	<i>1500</i>	<i>150000</i>
<i>221</i>		<i>1</i>			Liquid <i>Oil</i>	<i>Agal</i>				<i>2500</i>	<i>5000</i>
<i>281</i>		<i>1</i>			Mud <i>Fluid</i>	<i>500</i>	<i>gal</i>			<i>125</i>	<i>62500</i>
<i>290</i>		<i>1</i>			D- <i>rip</i>	<i>2</i>	<i>ea</i>			<i>3500</i>	<i>7000</i>
<i>402</i>		<i>1</i>			Controlizers	<i>8</i>	<i>ea</i>	<i>5 1/2</i>	<i>in</i>	<i>7000</i>	<i>56000</i>
<i>403</i>		<i>1</i>			Cement Barrels	<i>2</i>	<i>ea</i>	<i>5 1/2</i>	<i>in</i>	<i>2500</i>	<i>5000</i>
<i>404</i>		<i>1</i>			Port Collar	<i>1</i>	<i>ea</i>	<i>5 1/2</i>	<i>in</i>	<i>2400</i>	<i>24000</i>
<i>406</i>		<i>1</i>			Latch Down Plug & Baffle	<i>1</i>	<i>ea</i>	<i>5 1/2</i>	<i>in</i>	<i>2500</i>	<i>2500</i>
<i>407</i>		<i>1</i>			Insect Proof Sleeve/Auto-Fill	<i>1</i>	<i>ea</i>	<i>5 1/2</i>	<i>in</i>	<i>350</i>	<i>350</i>
<i>419</i>		<i>1</i>			Rotating Head Rental	<i>1</i>	<i>ea</i>	<i>5 1/2</i>	<i>in</i>	<i>200</i>	<i>200</i>

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 *1-15-13* TIME SIGNED *7:40* 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?				P1	<i>656500</i>
WE UNDERSTOOD AND MET YOUR NEEDS?				P2	<i>461782</i>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	<i>1118282</i>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Ellis TAX 0.3%	<i>56111</i>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	<i>11,743,93</i>
<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

Thank You!



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

TICKET CONTINUATION

TICKET No. 23068

CUSTOMER *American Welding, Inc* WELL *4-6 IRVIN* DATE *1-15-13* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			U/M	U/M				
325		2				<i>Standard Cement EA-2</i>	125	SFS	1645	lbs	1350	2362.50
276		2				<i>Floccle</i>	44	lbs			200	8800
283		2				<i>Suet</i>	875	lbs			20	125.00
284		2				<i>Calsoal</i>	823	lbs	9	SFS	3500	31500
292		2				<i>Holed 3.22</i>	124	lbs			725	96100
581		2				<i>Cement</i>			175	SFS	200	35000
583		2									100	366132

SERVICE CHARGE
MILEAGE CHARGE
TOTAL WEIGHT
LOADED MILES

CUBIC FEET
TON MILES

CONTINUATION TOTAL *4617.82*

JOB LOG

SWIFT Services, Inc.

DATE 7-15-13 PAGE 1

CUSTOMER American Drilling, Inc WELL NO. 4-6 LEASE IRVIN JOB TYPE cont. Longstring TICKET NO. 23068

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	IRVING	CASING	
	1345					15.5	5 1/2	TD-3970
	1500							On loc. WFE - Rig dragging over Start 5 1/2 - 15.5 #/ft casing to 3969 1/2 Insert float shoe w/ Auto-fill L.D. Baffle - 55 - 22.25' @ 3947' = (94) Cont 1-3-5-8-11, 13, 15, 58 (Start 6 & 8) Cement Baskets - #2 pin and #59 Port Collar #59 @ 1540.77'
	1160							Drop ball up ball 5 JTS out.
	11645							St. cir / Rotate casing
	1715							Fin cir
			7 1/2					Plus RH-30 SKS 14H 15 SKS
		5	12				250	Pump 500 gal Mural Flush
		6	20				250	Pump 20 381 KIL Flush
		4 1/2					200	Start 130 SKS EH-2 cont
			32				210	Fin cont - Wash out Pump Lines
		8 1/2					300	Drop L.D. Plug - Start Displ.
		7	75				400	Caught Lift press - slow rate
	1745	5 1/2	94				750 / 1500	Plug Down - Hold - Release & Hold
								Job Complete Washup & Rekey
	1815							

Travis
Don Brown



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

TICKET No 23050

PAGE 1 OF 1

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <i>Hays, Ks.</i>	<i>4-6</i>	<i>Truing</i>	<i>Ellis</i>	<i>Ks</i>		<i>2-1-13</i>	<i>Same</i>
2. <i>Ness City, Ks.</i>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Express Well Service</i>	RIG NAME/NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>development</i>	JOB PURPOSE <i>Port Collar</i>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
<i>575</i>		<i>1</i>			<i>MILEAGE #111</i>	<i>20</i>	<i>mi</i>	<i>6.00</i>		<i>120.00</i>
<i>5760</i>		<i>1</i>			<i>Pump Charge (Port Collar)</i>	<i>1</i>	<i>ea</i>	<i>1250.00</i>		<i>1250.00</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>105</i>		<i>1</i>			<i>Port Collar Tool Rental w/man</i>	<i>1</i>	<i>ea</i>	<i>350.00</i>		<i>350.00</i>
<i>330</i>		<i>2</i>			<i>SMD Cement</i>	<i>125</i>	<i>skt</i>	<i>16.50</i>		<i>2062.50</i>
<i>276</i>		<i>2</i>			<i>Flocele</i>	<i>25</i>	<i>#</i>	<i>2.00</i>		<i>50.00</i>
<i>581</i>		<i>2</i>			<i>Cement Service Charge</i>	<i>175</i>	<i>skt</i>	<i>2.00</i>		<i>350.00</i>
<i>583</i>		<i>2</i>			<i>Drayago</i>	<i>342</i>	<i>TN</i>	<i>1.00</i>		<i>342.00</i>

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 *2-1-13* TIME SIGNED *1400* 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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				<i>4594.50</i>
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				<i>Ellis TAX 6.3%</i>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				<i>159.55</i>
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL <i>4754.05</i>

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

SWIFT OPERATOR *Mark Koche* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2-1-78 PAGE NO. 1

CUSTOMER American Warrior Inc WELL NO. #4-6 LEASE Irving JOB TYPE Part Cellar TICKET NO. 23050

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1150							00100 setup Trks 2 3/8" x 5 1/2" P.C. @ 1584'
	1305						1000	Locate P.C. @ 1584' Test Csg to 1000 P.S. Open P.C.
	1310	3.5	3				250	Take in rate & check for flow
	1305	3.5	0				250	Start 125 sks SMD
	1320	3.5	55				250	circ cont. / raise weight
	1322	3.5	60/0				250	End cont / start Displacement
	1324		5				300	Cement Displaced
	1330						1000	Close P.C. Test Csg to 1000 P.S. Run 5 jts
	1340	3	0					Reverse out
	1345		15					Hol-Clean
								125 sks SMD circ 20 sks to pit
								Thank you Nick, David E, & Flint



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Marc Downing

Irvin #4-6

6-14s-19w Ellis,KS

Start Date: 2013.01.13 @ 09:46:36

End Date: 2013.01.13 @ 15:19:36

Job Ticket #: 51712 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.01.18 @ 09:03:46



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.
 PO Box 399
 Garden City, KS 67846
 ATTN: Marc Downing

6-14s-19w Ellis, KS

Irvin #4-6

Job Ticket: 51712

DST#: 1

Test Start: 2013.01.13 @ 09:46:36

GENERAL INFORMATION:

Formation: **LKC-E-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:13:36
 Time Test Ended: 15:19:36
 Interval: **3628.00 ft (KB) To 3662.00 ft (KB) (TVD)**
 Total Depth: 3662.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 2283.00 ft (KB)
 2275.00 ft (CF)
 KB to GR/CF: 8.00 ft

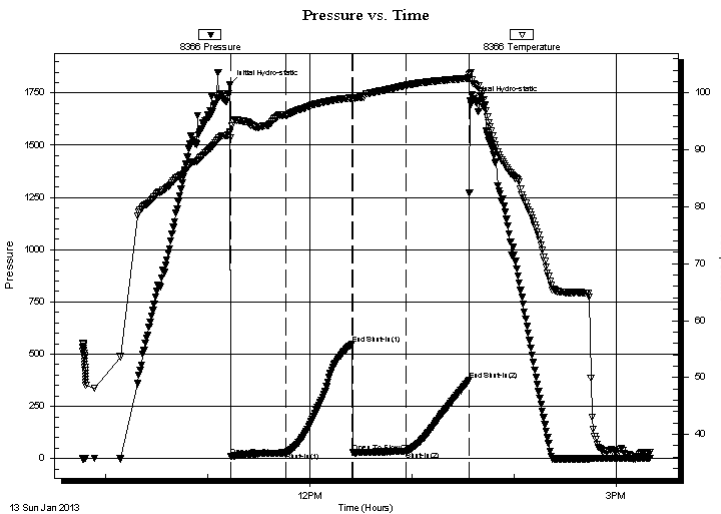
Serial #: 8366

Inside

Press @ Run Depth: 34.43 psig @ 3630.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.13 End Date: 2013.01.13 Last Calib.: 2013.01.13
 Start Time: 09:46:38 End Time: 15:19:36 Time On Btm: 2013.01.13 @ 11:13:06
 Time Off Btm: 2013.01.13 @ 13:34:06

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1788.15	93.14	Initial Hydro-static
1	10.19	92.16	Open To Flow (1)
33	27.76	95.93	Shut-In(1)
72	549.00	99.12	End Shut-In(1)
73	29.49	98.95	Open To Flow (2)
104	34.43	101.32	Shut-In(2)
141	374.09	102.59	End Shut-In(2)
141	1714.03	103.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Muddy Water W/Oil Specks-50%W-50%N0.43	

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

6-14s-19w Ellis, KS

PO Box 399
Garden City, KS 67846

Irvin #4-6

Job Ticket: 51712

DST#: 1

ATTN: Marc Downing

Test Start: 2013.01.13 @ 09:46:36

Tool Information

Drill Pipe:	Length: 3582.00 ft	Diameter: 3.80 inches	Volume: 50.25 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:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 50.40 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3628.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	55.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

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

Change Over Sub	1.00			3608.00	
Shut In Tool	5.00			3613.00	
Hydraulic tool	5.00			3618.00	
Packer	5.00			3623.00	21.00 Bottom Of Top Packer
Packer	5.00			3628.00	
Stubb	1.00			3629.00	
Perforations	1.00			3630.00	
Recorder	0.00	8366	Inside	3630.00	
Recorder	0.00	8289	Outside	3630.00	
Perforations	29.00			3659.00	
Bullnose	3.00			3662.00	34.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

6-14s-19w Ellis,KS

PO Box 399
Garden City, KS 67846

Irvin #4-6

Job Ticket: 51712

DST#: 1

ATTN: Marc Downing

Test Start: 2013.01.13 @ 09:46:36

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:

60000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	Muddy Water W/Oil Specks-50%W-50%M	0.428

Total Length: 50.00 ft Total Volume: 0.428 bbl

Num Fluid Samples: 0

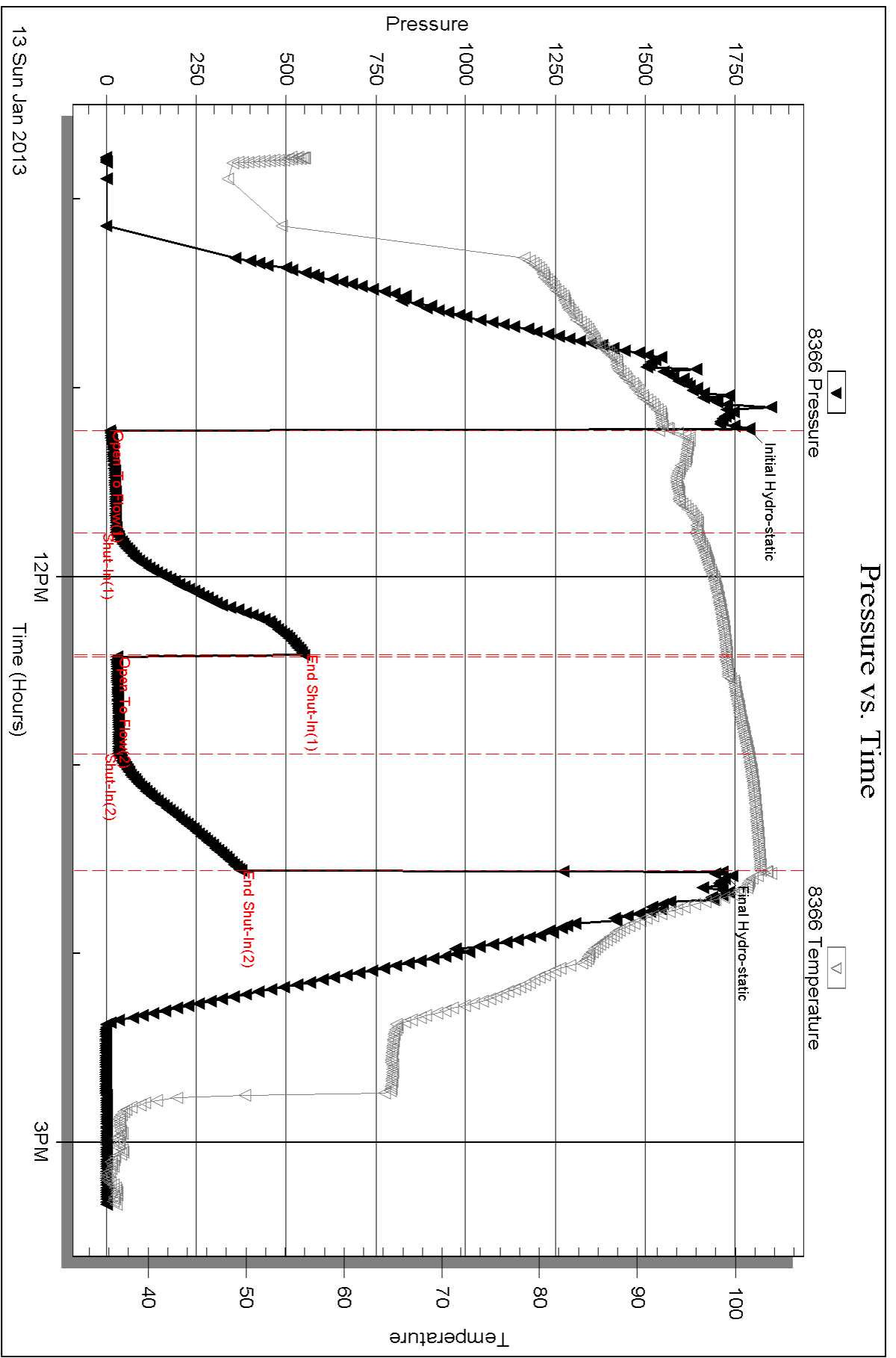
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

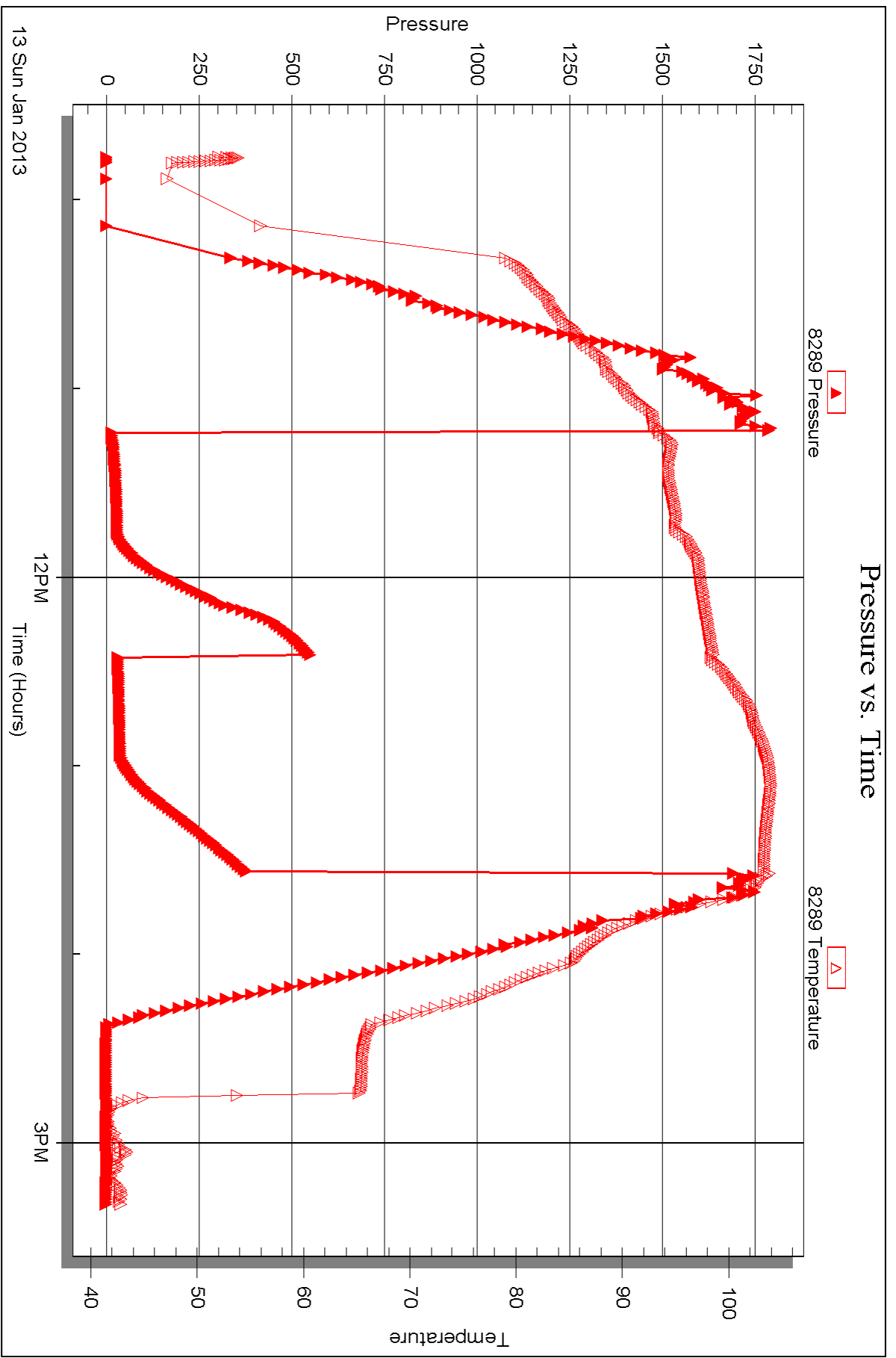


Serial #: 8289

Outside American Warrior, Inc.

I/vin #4-6

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Marc Downing

Irvin #4-6

6-14s-19w Ellis,KS

Start Date: 2013.01.14 @ 09:55:56

End Date: 2013.01.14 @ 17:18:11

Job Ticket #: 51713 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.01.18 @ 09:03:02



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

6-14s-19w Ellis, KS

PO Box 399
Garden City, KS 67846

Irvin #4-6

Job Ticket: 51713

DST#: 2

ATTN: Marc Downing

Test Start: 2013.01.14 @ 09:55:56

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 11:42:11
 Tester: Jason McLemore
 Time Test Ended: 17:18:11
 Unit No: 54
 Interval: **3862.00 ft (KB) To 3890.00 ft (KB) (TVD)**
 Reference Elevations: 2283.00 ft (KB)
 Total Depth: 3890.00 ft (KB) (TVD)
 2275.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 8.00 ft

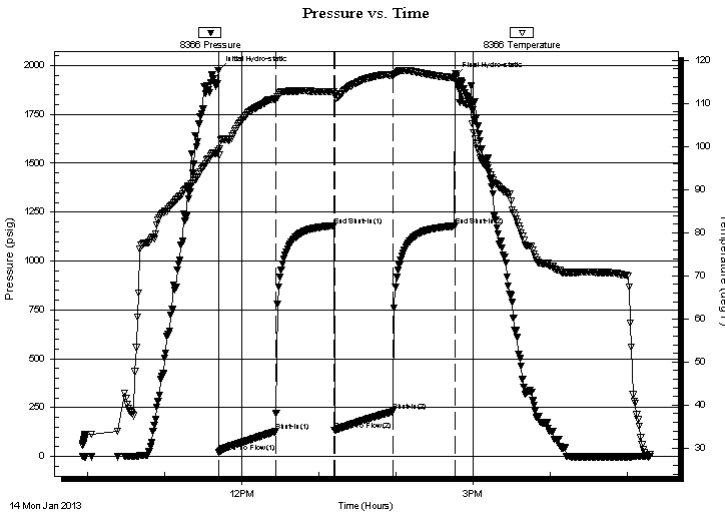
Serial #: 8366

Inside

Press @RunDepth: 231.19 psig @ 3864.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.14 End Date: 2013.01.14 Last Calib.: 2013.01.14
 Start Time: 09:55:58 End Time: 17:18:11 Time On Btm: 2013.01.14 @ 11:41:41
 Time Off Btm: 2013.01.14 @ 14:46:26

TEST COMMENT: IFP-Fair Blow , Built to 6 " in 15 min died
 ISI-Dead
 FFP-Weak Blow , Built to 4 1/2"
 FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1974.92	98.98	Initial Hydro-static
1	20.76	97.98	Open To Flow (1)
45	130.68	110.98	Shut-In(1)
90	1181.33	112.71	End Shut-In(1)
91	134.69	112.19	Open To Flow (2)
137	231.19	116.47	Shut-In(2)
185	1179.42	115.91	End Shut-In(2)
185	1941.53	116.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GassyHOCM-30%G-30%O-40%M	1.41
465.00	Free Oil	6.52
0.00	240' Gas In Pipe	0.00

* 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.

6-14s-19w Ellis, KS

PO Box 399
Garden City, KS 67846

Irvin #4-6

Job Ticket: 51713

DST#: 2

ATTN: Marc Downing

Test Start: 2013.01.14 @ 09:55:56

Tool Information

Drill Pipe:	Length: 3832.00 ft	Diameter: 3.80 inches	Volume: 53.75 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:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	48000.00 lb
			<u>Total Volume: 53.90 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3862.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	28.00 ft				
Tool Length:	49.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3842.00	
Shut In Tool	5.00			3847.00	
Hydraulic tool	5.00			3852.00	
Packer	5.00			3857.00	21.00 Bottom Of Top Packer
Packer	5.00			3862.00	
Stubb	1.00			3863.00	
Perforations	1.00			3864.00	
Recorder	0.00	8366	Inside	3864.00	
Recorder	0.00	8289	Outside	3864.00	
Perforations	23.00			3887.00	
Bullnose	3.00			3890.00	28.00 Bottom Packers & Anchor

Total Tool Length: 49.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

6-14s-19w Ellis,KS

PO Box 399
Garden City, KS 67846

Irvin #4-6

Job Ticket: 51713

DST#: 2

ATTN: Marc Downing

Test Start: 2013.01.14 @ 09:55:56

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4250.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	GassyHOCM-30%G-30%O-40%M	1.410
465.00	Free Oil	6.523
0.00	240' Gas In Pipe	0.000

Total Length: 585.00 ft

Total Volume: 7.933 bbl

Num Fluid Samples: 0

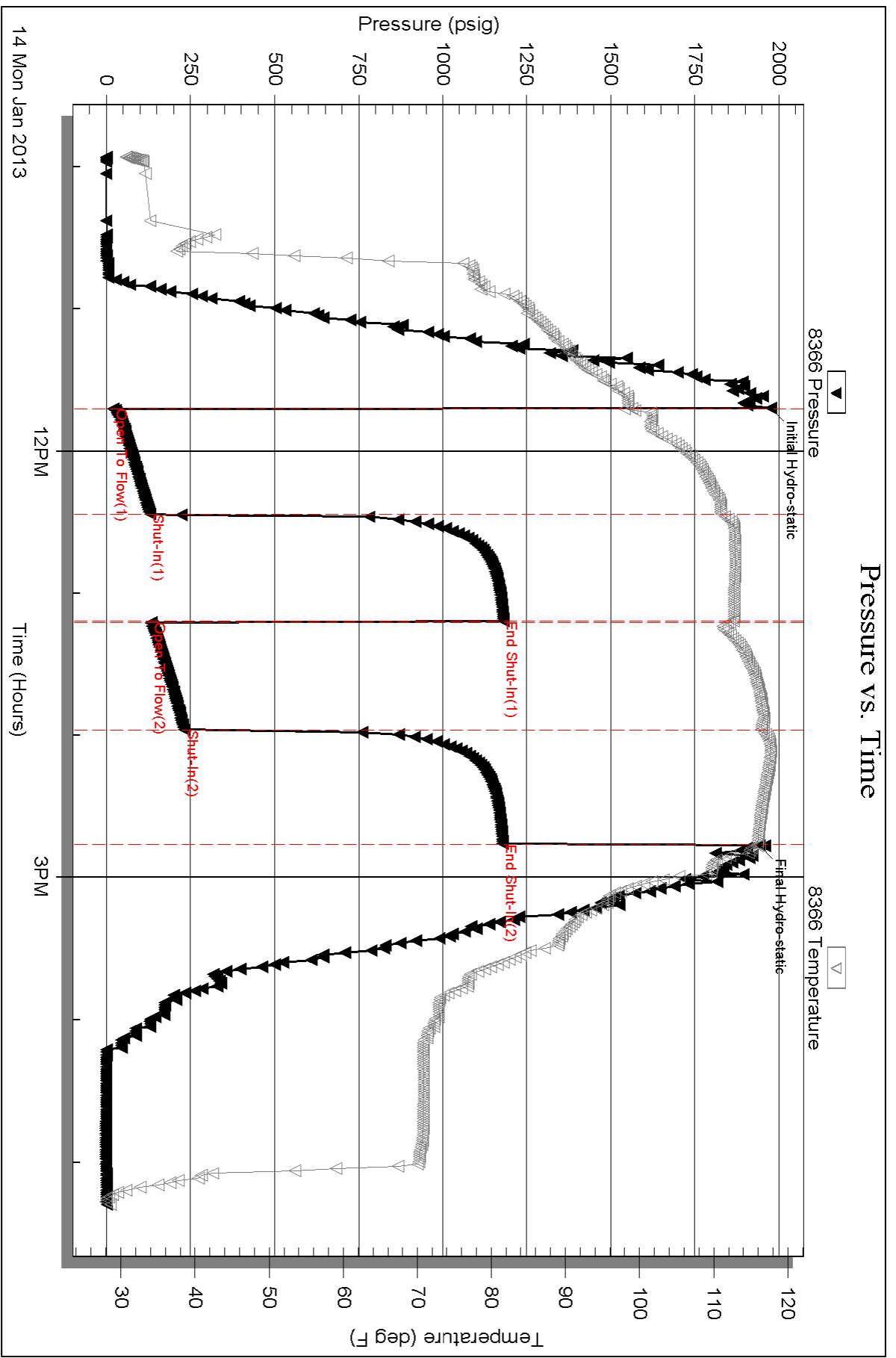
Num Gas Bombs: 0

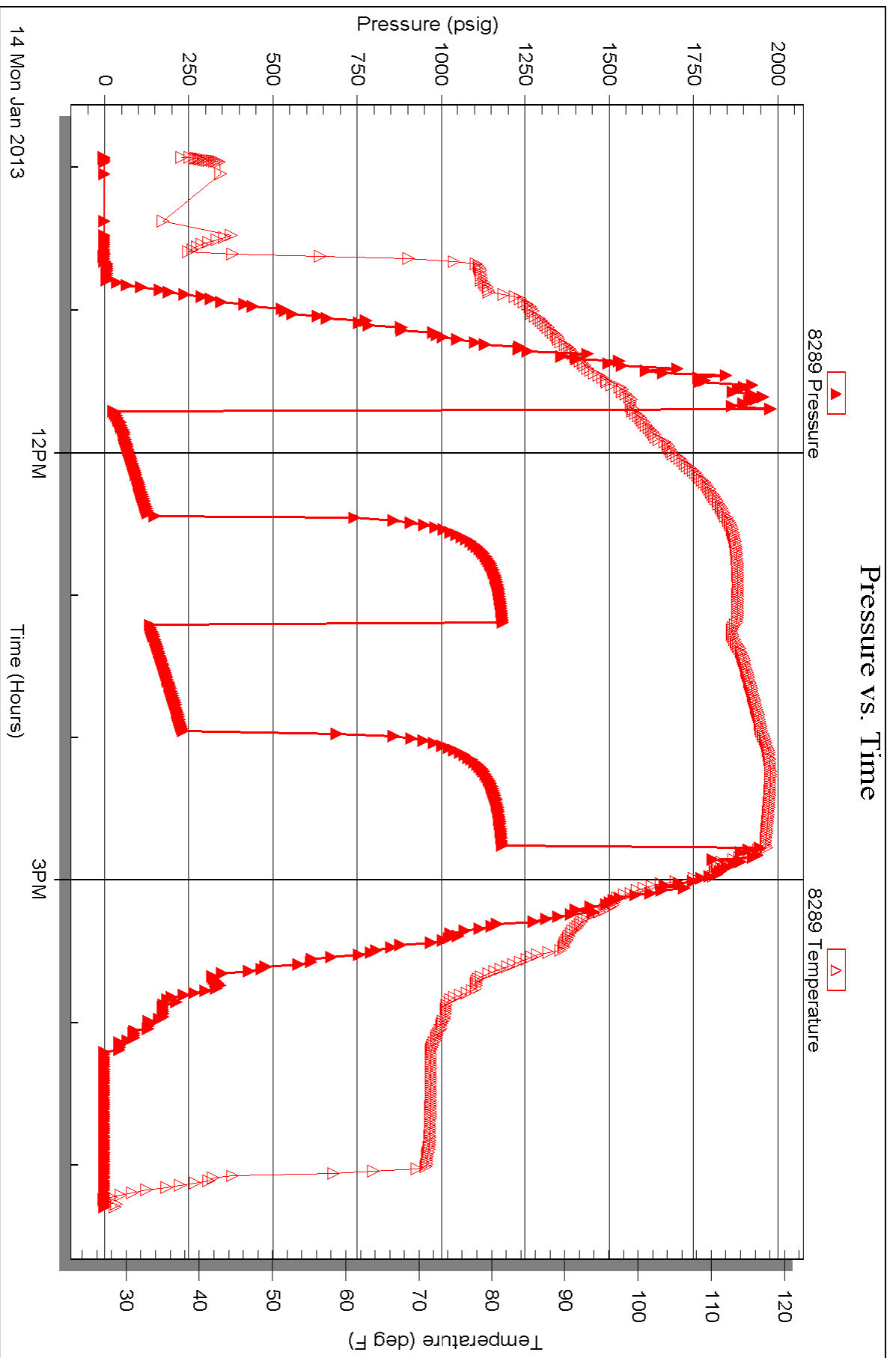
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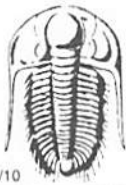
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51712

Well Name & No. Irvin #4-6 Test No. 1 Date 1-13-13
 Company American Warrior, Inc. Elevation 2283 KB 2275 GL
 Address PO Box 399, Garden City, KS 67846
 Co. Rep / Geo. Marc Downing Rig Discovery #1
 Location: Sec. 6 Twp. 14s Rge. 19w Co. Ellis State KS

Interval Tested 3628-3662 Zone Tested LKC - 'E-F'
 Anchor Length 34 Drill Pipe Run _____ Mud Wt. 9.1
 Top Packer Depth 3623 Drill Collars Run 30 Vis 50
 Bottom Packer Depth 3628 Wt. Pipe Run 0 WL 9.2
 Total Depth 3662 Chlorides 4,000 ppm System LCM 1 1/2 #
 Blow Description IFP - Weak Blow, Built to 1"
ISE - Dead
FFP - Weak Blow, Built to 1/2"
FSE - Dead

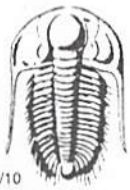
Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>Muddy water w/oil specks</u>			<u>50</u>	<u>50</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 50 BHT _____ Gravity _____ API RW 303 @ 33 °F Chlorides 60,000 ppm

(A) Initial Hydrostatic 1788 Test 1150 T-On Location 8:48
 (B) First Initial Flow 10 Jars _____ T-Started 9:43
 (C) First Final Flow 28 Safety Joint _____ T-Open 11:13
 (D) Initial Shut-In 549 Circ Sub _____ T-Pulled 13:13
 (E) Second Initial Flow 29 Hourly Standby _____ T-Out 15:15
 (F) Second Final Flow 34 Mileage 22 rt 34.10 Comments _____
 (G) Final Shut-In 374 Sampler _____
 (H) Final Hydrostatic 1714 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total 1184.10 Sub Total _____
 Total 1184.10 Total _____
 MP/DST Disc't _____

Approved By _____ Our Representative Janice McJannet *Thank you*

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51713

Well Name & No. Irvin # 4-6 Test No. 2 Date 1-14-13
 Company American Warrior, Inc. Elevation 2283 KB 2275 GL
 Address PO Box 399, Garden City, Ks. 67846
 Co. Rep / Geo. Marc Downing Rig Discovery # 1
 Location: Sec. 6 Twp. 14s Rge. 19w Co. Ellis State KS

Interval Tested 3862-3890 Zone Tested Arbuckle
 Anchor Length 28 Drill Pipe Run 3832 Mud Wt. 9.0
 Top Packer Depth 3857 Drill Collars Run 30 Vis 55
 Bottom Packer Depth 3862 Wt. Pipe Run 0 WL 8.8
 Total Depth 3890 Chlorides 4/250 ppm System LCM 1#
 Blow Description IFA- Fair Blow, Built to 6" in 15 min, Dried.
ISI- Dead
FFA- Weak Blow, Built to 4 1/2"
FSI- Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>465</u>	<u>Free Oil</u>				
<u>120</u>	<u>Gassy HOCM</u>	<u>30</u>	<u>30</u>	<u>40</u>	
	<u>240' Gas In Pipe</u>				

Rec Total 585 BHT _____ Gravity 3 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1975 Test 1150 T-On Location 9:45
 (B) First Initial Flow 21 Jars _____ T-Started 9:53
 (C) First Final Flow 131 Safety Joint _____ T-Open 11:42
 (D) Initial Shut-In 1181 Circ Sub _____ T-Pulled 14:42
 (E) Second Initial Flow 135 Hourly Standby _____ T-Out 17:20
 (F) Second Final Flow 231 Mileage 34.10 Comments _____
 (G) Final Shut-In 1179 Sampler _____
 (H) Final Hydrostatic 1942 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 45 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 45 Extra Recorder _____
 Final Shut-In 45 Day Standby _____
 Accessibility _____
 Sub Total 1184.10 MP/DST Disc't _____

Approved By _____ Our Representative Jana McLawton *Thank you*

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.

Marc Downing
Consulting Petroleum Geologist

1411 Washington Circle
Hays, KS 67601
Phone: 620-428-1356 (cell) 785-621-2286

GEOLOGIC REPORT LOG

COMPANY: American Larcier, Inc.
WELL: Irwin # 4-6
FIELD: Irwin

LOCATION: 197 1/2 FSL + 2301 FEL
SEC. 6 TWP. 14S RGE. 19W
COUNTY: Ellis
STATE: Kansas

OPERATOR: American Larcier, Inc.
CONTRACTOR: Discovery Drilling Rig #1
Casing Record: 3990
SURF: 48' @ 222' PROD: 51' @ 394'
TOTAL DEPTH DRILLERS: 3990
TOTAL DEPTH LOG: 3990

PRODUCTION: KB 2283
ELEVATION: DF
GL 2275

Drilling Measured from: 3250 to 3250
Samples Sealed from: 3150 to 3150
Drilling Time from: 3150 to 3150
Samples Examined from: 3150 to 3150
Geological Supervision from: 3150 to 3150
Wellbore Geologist: Marc Downing
Electrician: [blank]
C/N/L: [blank]
D/I: [blank]
M/E: [blank]

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
Top Anhydrite	NA	1559	1724	-9
Base Anhydrite	NA	1400	1483	NA
Topeka	3245		-1001	-8
Heaven	3230		-1244	-6
LKC	3551		-1249	-5
BKC	3575		-1529	-10
Arbuckle	3844		-1601	-13

REFERENCE WELL FOR STRUCTURE: Axtex Petroleum Corp. Sec. 6-14S-19W
Leader Irwin #41
C-402-SE

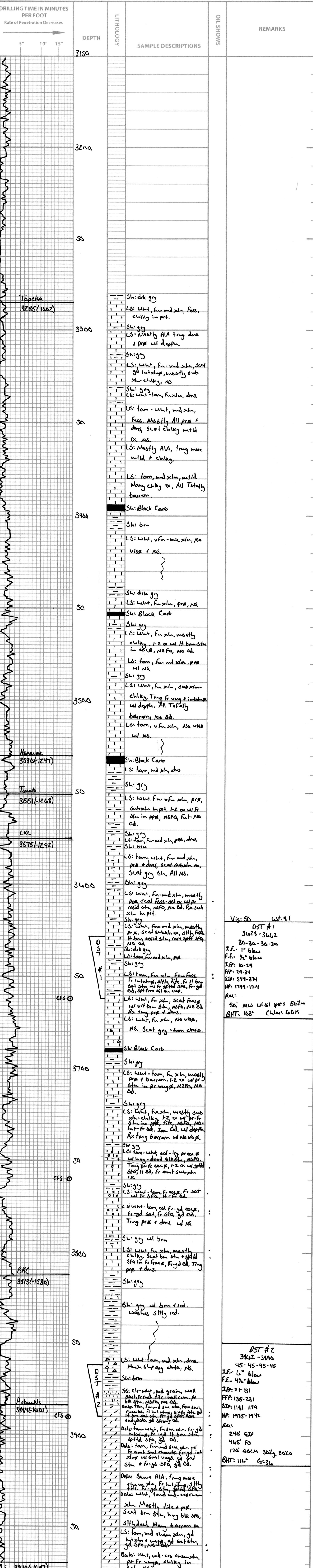
DRILL STEM TESTS

No.	Interval	1st Time	2nd Time	3rd Time	HP-HP	RECOVERY

REMARKS AND RECOMMENDATIONS: Due to structural position, DST recovery + log evaluation, it was decided to set 51' production casing for completion.

Reference:
Arbuckle : 3905-07 (First success if set)
" : 3443-46 (DST #2)
LKC H : 3145-73 (Baker Abandonment)
" : 3114-24 (")

LEGEND



Downing