



**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: \_\_\_\_\_



1054147

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

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

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing     Pumping     Gas Lift     Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Elton Unit 1-32-5
Doc ID	1054147

Tops

Name	Top	Datum
Anhydrite	1408	775
Heebner	3640	-1457
Lansing	3688	-1505
BKC	4009	-1826
Pawnee	4090	-1907
Ft. Scott	4167	-1984
Cherokee	4182	-1999
Mississippian	4254	-2071
TD	4275	-2092

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4315

Date	Sec.	Twp.	Range	County	State	On Location	Finish
	32	18	21	NESS	KS		12:30 A.M.
Lease <i>Elton Dair</i>	Well No. <i>1-32-5</i>		Location <i>Barn 25 E 2 N E110</i>				
Contractor <i>Oilwell #1</i>	Owner <i>Oilwell Cementing, Inc.</i>		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Type Job <i>Surface</i>	Hole Size <i>12 1/4</i>		T.D. <i>266</i>		Charge To <i>American Laborer</i>		
Csg. <i>8 5/8 23#</i>	Depth <i>266</i>		Tbg. Size		Street		
Tbg. Size	Depth		Tool		City State		
Cement Left in Csg. <i>15</i>	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	Displace <i>16 BCL</i>		Cement Amount Ordered <i>150 Con 20/66 20/66 1</i>				
EQUIPMENT							
Pumptrk <i>5</i>	No.	Cement Helper <i>Ca g</i>	Common				
Bulktrk	No.	Driver	Poz. Mix				
Bulktrk <i>8</i>	No.	Driver <i>Brandon</i>	Gel.				
JOB SERVICES & REMARKS							
Remarks:			Calcium				
Flat Hole			Hulls				
Mouse Hole			Salt				
Centralizers			Flowseal				
Baskets			Kol-Seal				
D/V or Port Collar			Mud CLR 48				
<i>8 5/8 on bottom Est. Calculation</i>			CFL-117 or CD110 CAF 38				
<i>Mix 150 SK &amp; Displace</i>			Sand				
<i>Cement Conditioned</i>			Handling				
			Mileage				
FLOAT EQUIPMENT							
			Guide Shoe				
			Centralizer				
			Baskets				
			AFU Inserts				
			Float Shoe				
			Latch Down				
			Pumptrk Charge				
			Mileage				
			Tax				
			Discount				
			Total Charge				
Signature							

Quality Oilwell Cementing

*Thanks!*



Services, Inc.

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

TICKET 19024

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. NESS CITY, KS  
 WELL/PROJECT NO. 1-32-5  
 LEASE ELDON UNIT  
 COUNTY/STATE/ZIP: NESS, KS, 67560  
 DATE: 30SEP10  
 OWNER: 30SEP10  
 ORDER NO.:

2. TICKET TYPE: SERVICE  
 CONTRACTOR: PETROMARK DRILLING  
 RIG NAME/NO.:

3. WELL TYPE: OIL  
 WELL CATEGORY: DEVELOPMENT  
 JOB PURPOSE: 5 1/2" LONGSTRINGS.  
 WELL PERMIT NO.:

4. REFERRAL LOCATION: INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE @ 110	20	MIL			5.00	100.00
578					PUMP CHARGE	1	EA.	4274	FT	1400.00	1400.00
402					CENTRALIZERS	5	EA			275.00	1375.00
403					CEMENT BASKETS	2	EA.			200.00	400.00
404					FORT COLLAR	1	EA.	1389	FT.	1900.00	1900.00
406					LATCH DOWN PLUG & BARGE	1	EA.			225.00	225.00
407					ISOSER FLOAT SHOE W/ AUTO FILL	1	EA.			275.00	275.00
281					MUD FLUSH	500	GR.			1.00	500.00
281					LOWID KCL	2	GR.			25.00	50.00
419					ROTATING HEAD RENTAL	1	HR.			150.00	150.00

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

DATE SIGNED: 30SEP10  
 TIME SIGNED: 1000  
 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
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	

CUSTOMER DID NOT WISH TO RESPOND

SWIFT OPERATOR: *Paul Haggerty*  
 APPROVAL: *Paul Haggerty*  
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES  
 TOTAL: 5275.00  
 TAX: 397.20  
 THANK YOU!



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

TICKET CONTINUATION

TICKET No. 19024

CUSTOMER: AMERICAN WARRIOR  
WELL: ETANWUIT 1-32-5  
DATE: 30SEP10  
PAGE: 2 of 2

276	1	EDUCE	44 lbs	1.52	646.00
283	1	SALT	900 lbs	15	135.00
284	1	CAISEAL	86x 800 lbs	30.00	240.00
292	1	HAAD 322	124 lbs	7.00	868.00
290	1	D-AIR	1/2 gal	35.00	52.50
325	1	STANDARD CEMENT	175 cu	12.00	2100.00
581	1	SERVICE CHARGE	175 cu	1.50	262.50
582	1	TORNAIGHT	183.18	250.00	250.00
		LOADED MILES			3974.00

JOB LOG

SWIFT Services, Inc.

DATE 30 SEPT 10 PAGE NO. 1

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE ELTON UNIT 1-32-5

JOB TYPE 5 1/2 LONGSTRING.

TICKET NO. 19024

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1125							ON LOCATION
	1230							START PIPE 5 1/2" 15.5" RTD @ 4274 LTD @ 4275 SET @ 4274
								CENTRALIZERS 1, 2, 3, 4, 68 BASKETS 5, 69
								PORT COLLAR TOP OF JC 69 @ 1389
	1410							DROP BALL CIRCULATE
	1437	6	12-20				200	Pump Mud FLUSH / HCL FLUSH
	1444		7					PLUG RH (30sx)
	1449	4	35				200	MIX CEMENT 145s. EA 2 MIKED @ 15.5 PPM
	1501							WASH OUT PUMP LINES.
	1503							RELEASE PLUG.
	1505	6					200	START DISPLACEMENT
	1523	8	100				1500	PLUG DOWN PRESSURE UP LATCH PLUG IN
	1527							RELEASE PRESSURE.
	1529							WASH TRUCK.
	1600							JOB COMPLETE
								THANKS #110
								JASON JEFF WAYNE



CHARGE TO: **AMERICAN WARRIOR**  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP CODE \_\_\_\_\_

TICKET  
**19082**

PAGE 1 OF 1

SERVICE LOCATIONS  
 1. **Ness City, KS.** WELL/PROJECT NO. **1-32-5** LEASE **ELTON UNIT** COUNTY/RANGE **Ness** STATE **KS.** CITY **BAZINE, KS.** DATE **11DEC10** OWNER \_\_\_\_\_  
 2. \_\_\_\_\_ CONTRACTOR \_\_\_\_\_ RIG NAME/NO. \_\_\_\_\_ SHIPPED VIA \_\_\_\_\_ DELIVERED TO \_\_\_\_\_ ORDER NO. \_\_\_\_\_  
 3. \_\_\_\_\_ TICKET TYPE **SALES** **ADDITIONAL SERV.** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **GENERAL PORT HOLE** WELL PERMIT NO. \_\_\_\_\_  
 4. \_\_\_\_\_ REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS \_\_\_\_\_ WELL LOCATION **251E, 10 E, 10**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #110	20	MIL			5.00	100.00
576D					PUMP CHARGE	1				110.00	110.00
290					D-AIR	1				35.00	35.00
105					PORT HOLE OPENING TOOL	1				300.00	300.00
276					ELOCITE	30	lbs			1.50	45.00
330					SWIFT MULTI DEBITTY STANDARD	180	bx			1.50	180.00
581					SECRUE CHARGE CEMENT	175	bx			1.50	262.50
582					MINIMUM DRAYAGE	17384	lbs			173.84	7m

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.  
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  
 X **Scott**  
 DATE SIGNED **11DEC10** TIME SIGNED **10:00**  AM  PM

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

**SURVEY**  
 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?  
 CUSTOMER DID NOT WISH TO RESPOND

AGREE  UN-DECIDED  DIS-AGREE

PAGE TOTAL **3892** **52**

TOTAL **4029** **184**

TAX **7.55**  
**0.39%**  
**137** **34**

SWIFT OPERATOR **Scott** APPROVAL \_\_\_\_\_  
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES  
**Thank You!**



JOB LOG

SWIFT Services, Inc.

DATE 11 OCT 10 PAGE NO. 9

CUSTOMER AMERICAN WARRIOR WELL NO. 1-32-5 LEASE ELTON UNIT JOB TYPE CEMENT PORT COLLAR TICKET NO. 19082

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0815							ON LOCATION
								PORT COLLAR @ 1389
	0845				✓		1000	TEST ANNULUS - HELD
	0847	3			✓		300	OPEN PORT COLLAR TAKE IN SECTION RATE.
	0851	4	65	✓			400	MIX CEMENT 120 SX SMD @ 11.2 ppg. CIRCULATE 20 SX TO PIT
		3	4 1/2	✓				DISPLACE CEMENT
	0911				✓		1000	CLOSE PORT COLLAR - PRESSURE UP - HELD
	0918							RUN 4 JTS.
	0925		18		✓		300	REVERSE CLEAN
	0938							WASH TRUCK
	1000							JOB COMPLETE
								THANKS # 110
								JASON JEFF BOB.



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, INC  
Po Box 399  
Garden City Ks 67846  
ATTN: Scott Corsair

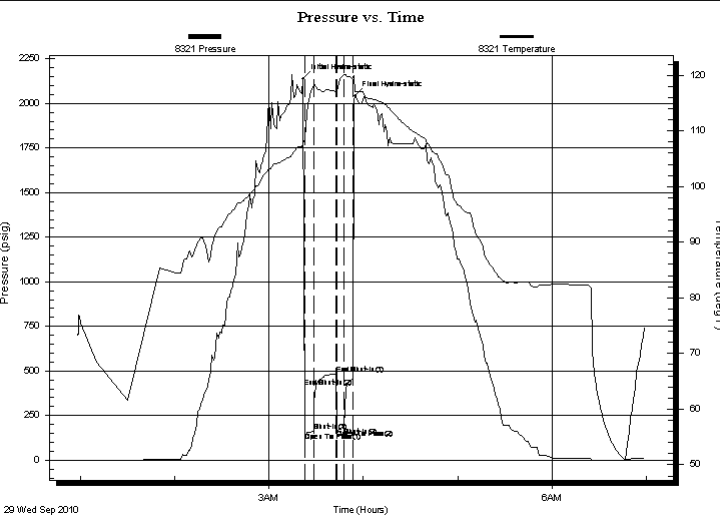
**Elton #1-32-5**  
**32-18s-21w**  
Job Ticket: 040901 **DST#: 1**  
Test Start: 2010.09.29 @ 00:58:19

## GENERAL INFORMATION:

Formation: **Cherokee "A" Sand**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 03:22:49  
Time Test Ended: 06:58:49  
Interval: **4180.00 ft (KB) To 4200.00 ft (KB) (TVD)**  
Total Depth: 4200.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Jeff Brown  
Unit No: 44  
Reference Elevations: 2183.00 ft (KB)  
2177.00 ft (CF)  
KB to GR/CF: 6.00 ft

**Serial #: 8321 Inside**  
Press @ RunDepth: 185.48 psig @ 4183.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2010.09.29 End Date: 2010.09.29 Last Calib.: 2010.09.29  
Start Time: 00:58:20 End Time: 06:58:49 Time On Btm: 2010.09.29 @ 03:21:49  
Time Off Btm: 2010.09.29 @ 03:54:49

**TEST COMMENT:** IFP-Strong blow BOB in 3 min  
ISI-Weak surface blow back  
FFP-Strong blow BOB in 3 1/2 min  
FSI-Weak surface blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2137.02	107.65	Initial Hydro-static
1	107.74	108.54	Open To Flow (1)
7	164.25	118.22	Shut-In(1)
21	483.51	116.95	End Shut-In(1)
22	173.55	117.12	Open To Flow (2)
26	185.48	120.07	Shut-In(2)
32	460.88	119.51	End Shut-In(2)
33	2042.22	117.13	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	V SOCWM5%O35%W60%M	0.30
63.00	MW with a scum of oil 5%M95%W	0.88
252.00	HOCGWM25%O15%G30%W30%M	3.53
0.00	94 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

**Elton #1-32-5**

Po Box 399  
Garden City Ks 67846

**32-18s-21w**

Job Ticket: 040901

**DST#: 1**

ATTN: Scott Corsair

Test Start: 2010.09.29 @ 00:58:19

## 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:

56000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	VSOCWM5%O35%W60%M	0.295
63.00	MW with a scum of oil 5%M95%W	0.884
252.00	HOCGWM25%O15%G30%W30%M	3.535
0.00	94 GIP	0.000

Total Length: 375.00 ft

Total Volume: 4.714 bbl

Num Fluid Samples: 0

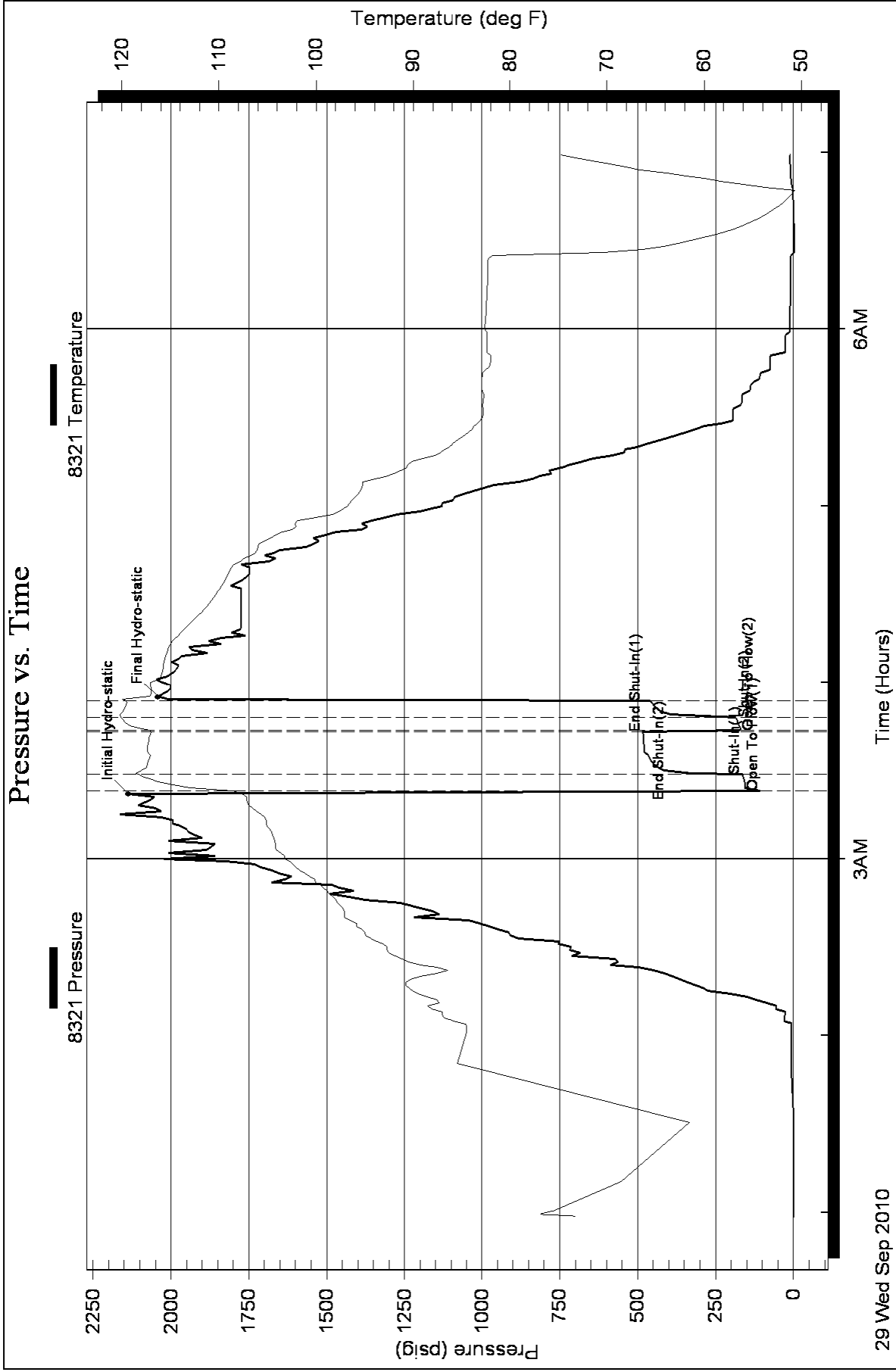
Num Gas Bombs: 0

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: Scott Corsair

**Elton #1-32-5**  
**32-18s-21w**  
Job Ticket: 040902      **DST#: 2**  
Test Start: 2010.09.29 @ 17:27:29

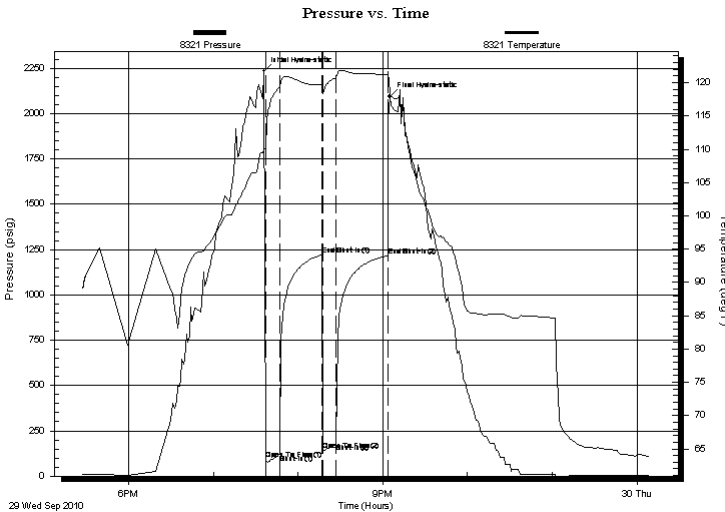
## GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 19:36:59  
Time Test Ended: 00:09:29  
Interval: **4265.00 ft (KB) To 4274.00 ft (KB) (TVD)**  
Total Depth: 4274.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Jeff Brown  
Unit No: 44  
Reference Elevations: 2183.00 ft (KB)  
2177.00 ft (CF)  
KB to GR/CF: 6.00 ft

**Serial #: 8321      Inside**  
Press @ Run Depth: 183.42 psig @ 4266.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.09.29      End Date: 2010.09.30      Last Calib.: 2010.09.30  
Start Time: 17:27:30      End Time: 00:09:29      Time On Btm: 2010.09.29 @ 19:35:59  
Time Off Btm: 2010.09.29 @ 21:04:59

**TEST COMMENT:** IFP-Strong blow BOB in 2 1/2 in  
ISI-Fair blow back built to 8 1/4 in  
FFP-Strong blow BOB 3 1/2 in  
FSI-Fair blow back built to 8 1/2 in

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2233.59	109.87	Initial Hydro-static
1	93.00	110.09	Open To Flow (1)
11	119.20	119.30	Shut-In(1)
41	1221.87	119.64	End Shut-In(1)
42	141.96	118.32	Open To Flow (2)
51	183.42	120.79	Shut-In(2)
88	1215.80	121.21	End Shut-In(2)
89	2094.05	118.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	HOCGWM 25%O5%G20%W50%M	0.30
330.00	MO5%M95%O	4.63
63.00	WMCGO5%W20%M20%G55%O	0.88
0.00	393 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

**Elton #1-32-5**

Po Box 399  
Garden City Ks 67846

**32-18s-21w**

Job Ticket: 040902

**DST#: 2**

ATTN: Scott Corsair

Test Start: 2010.09.29 @ 17:27:29

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 73.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	HOCGWM 25%O5%G20%W50%M	0.295
330.00	MO5%M95%O	4.629
63.00	WMCGO5%W20%M20%G55%O	0.884
0.00	393 GIP	0.000

Total Length: 453.00 ft

Total Volume: 5.808 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

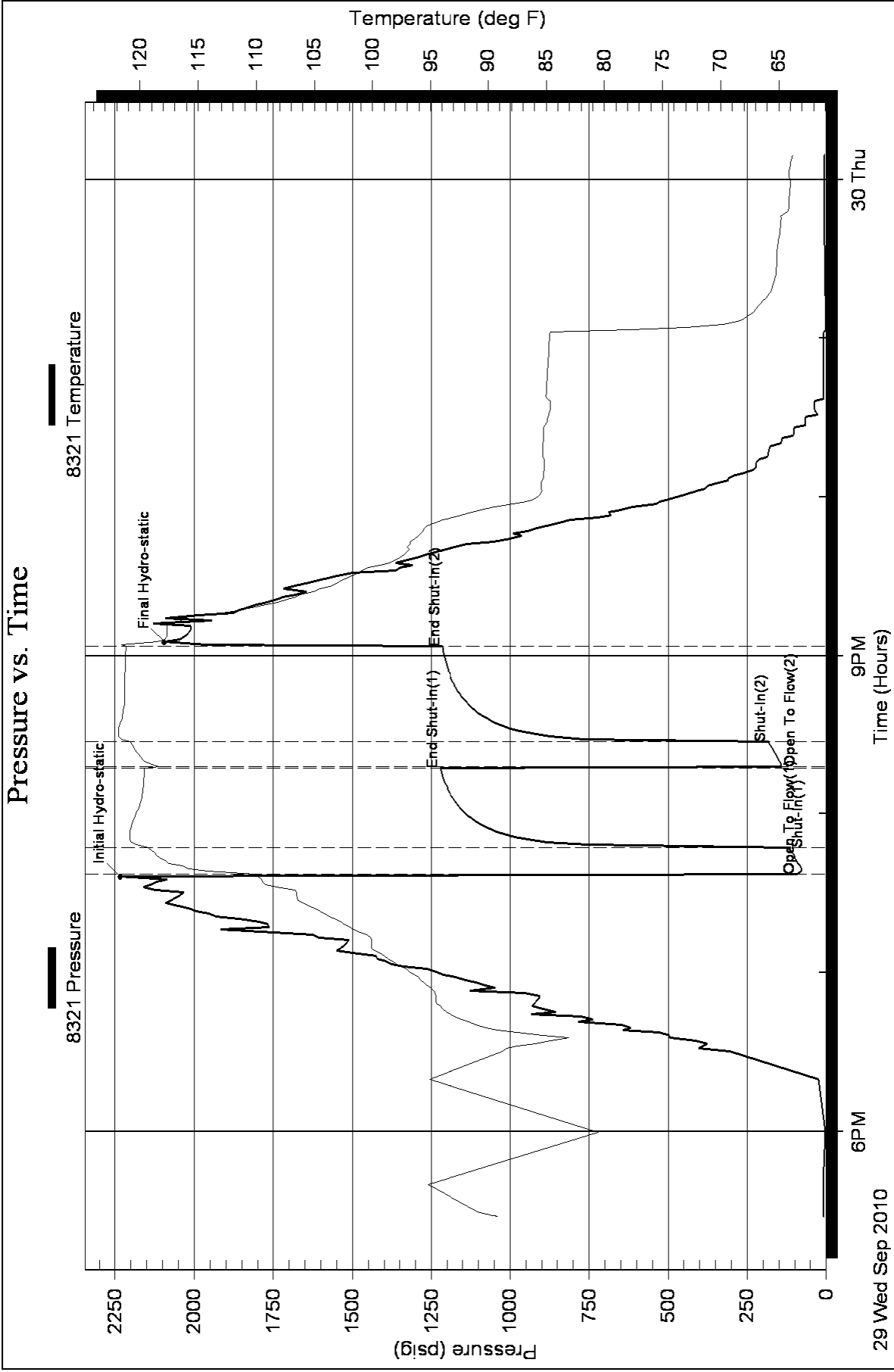
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time








### DRILL STEM TESTS

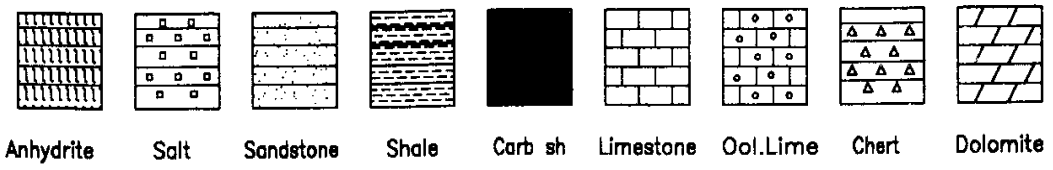
No. Interval RFP/Time GSP/Time FFP/Time FSP/Time BH-FH RECORDER


**REMARKS AND RECOMMENDATIONS**  
 The location for the Elton Unit #1-32-S was found via 3-D seismic survey. The new well was structurally as expected via the survey. Two drill stem tests were conducted. One of which recovered commercial amounts of oil from the Mississippian Stage. Evaluation after all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Elton Unit #1-32-S well.

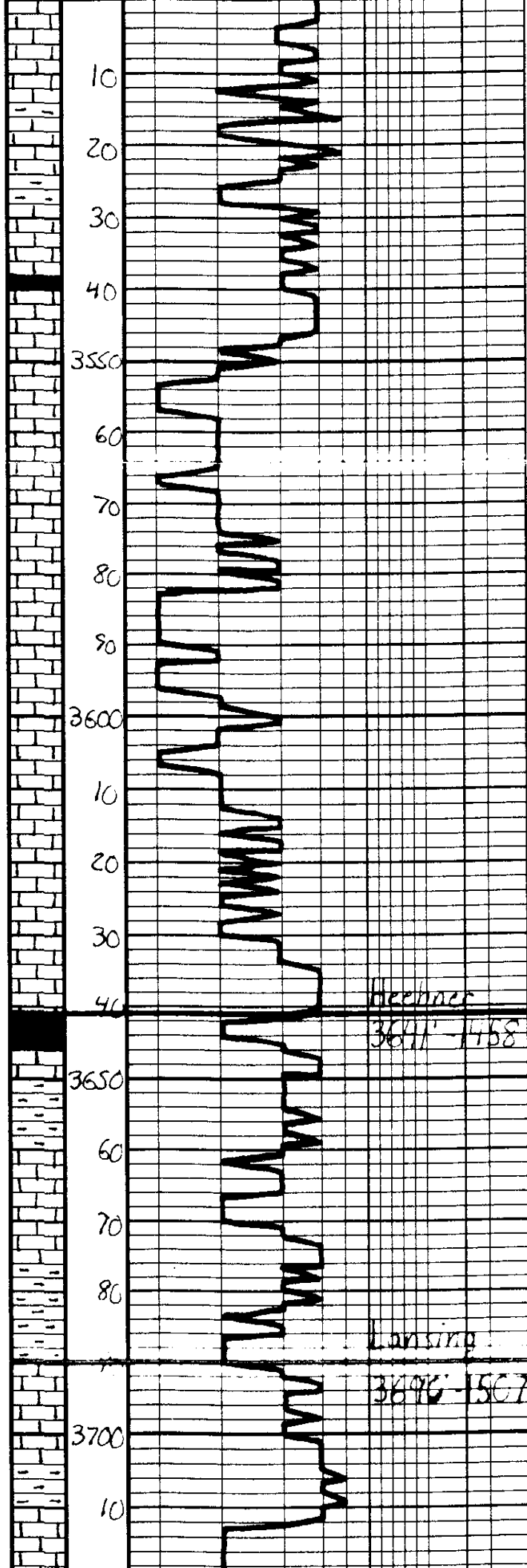
*Respectfully Submitted,*

*Peter A. [Signature]*  
 9-30-2010

### LEGEND



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



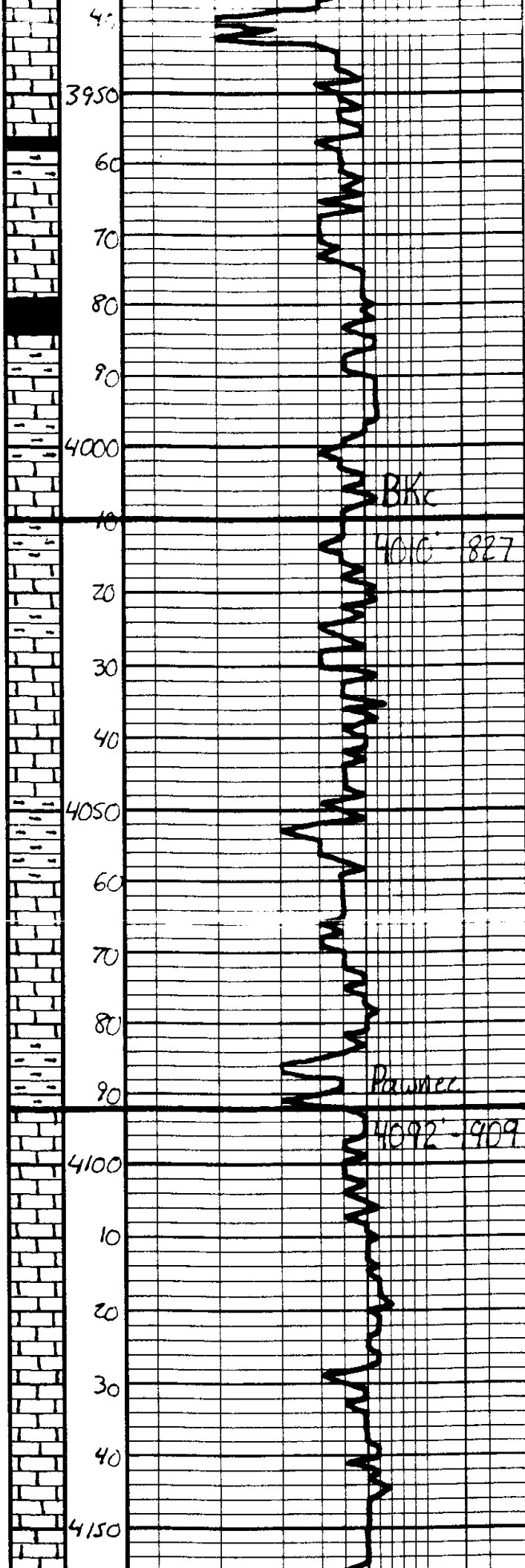
Ls. Tan. Gey. Mottled, Fr.  
 Substr. DNS  
 Ls. etc. Mostly DNS, Barren  
 Ls. Tan-Lt. Gey. Mottled,  
 Substr. DNS  
 Sh. Blk, Carb.  
 Ls. Tan-Lt. Gey. Fossilifer, Fossil  
 Barren  
 Ls. etc. Barren  
 Ls. Tan-Gey. Mottled, Fossilifer  
 Fossilifer, Barren  
 Ls. etc.  
 Ls. Tan-Lt. Gey. Mottled, Fossilifer  
 Substr. Fossilifer, Barren  
 Sh. Blk, Carb., Fissile  
 Sh. Gey. Ben. Gen  
 Ls. Offwh-Lt. Gey. Fossilifer  
 Fossilifer, Barren  
 Sh. Gey. Ben. Gen  
 Lansing  
 Ls. Tan-Lt. Gey. Fr. Substr.  
 Gey. Ls. Fossilifer, Barren  
 Mostly DNS, Barren  
 Sh. Gey. Ben  
 Ls. Offwh-Lt. Gey. Fossilifer  
 Gey. PRST w/ local iron f.

Ges on location  
 4:00 p.m. 9-27-2010

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



LS - Green  
Sh - Gray - Ben  
LS - Thin - Lt. Gray, Fm - xln, Dal. w/ poor com. of Barren, Sl. & Whit. Gray - Barren  
Sh - Dk Gray - Blk  
LS - Tan - Gray, Substr. DNS  
Sh - Gray - Ben  
LS - Tan - Lt. Gray, Fm - xln, Dal. w/ poor com. of Barren, Sl. & Whit.  
LS - Tan - Lt. Gray, Fm - xln, Dal. w/ poor com. of Barren  
LS - Tan - Lt. Gray, Fm - Substr. Dal. w/ poor com. of Barren Sl. & Whit. Gray  
LS - alt w/ poor com. of Barren  
LS - Tan - Gray, Substr. Sl. Dal., DNS  
Sh - Gray - Dk Gray  
Sh - Gray - Ben  
LS - Tan - Lt. Gray, Substr. DNS  
LS - alt  
Sh - Gray - Ben  
LS - Tan - Gray, Substr. DNS  
Sh - Gray - Dk Gray  
LS - Tan - Lt. Gray, Fm - Substr. Dal. w/ poor com. of Barren  
LS - alt, DNS  
Sh - Gray - Ben



... ..  
 ... ..  
 ... ..

Sh - Dk Gray - Blk

Ls - Tan - Lt Gray, Fin - Subsls  
 Mostly DNS

Sh - Blk, Carb

Ls - Tan - Gray, Subsls, DNS

Ls - als

BKC

Sh - Gray - Ben - Gen

4010' - 827'

Ls - Gritty - Tan, Subsls, DNS  
 Sl. of Whit

Ls - als

Sh - Gray - Ben

Ls - Tan - Gray, Subsls, DNS  
 Sl. of Whit - Gray

Ls - als

Pawnee

Sh - Gray - Ben

4092' - 909'

Ls - Tan - Gray, Subsls, DNS

**DST#1**

Cherokee "A" Sand  
 4180' - 4200'  
 5" 15" 5" 5"

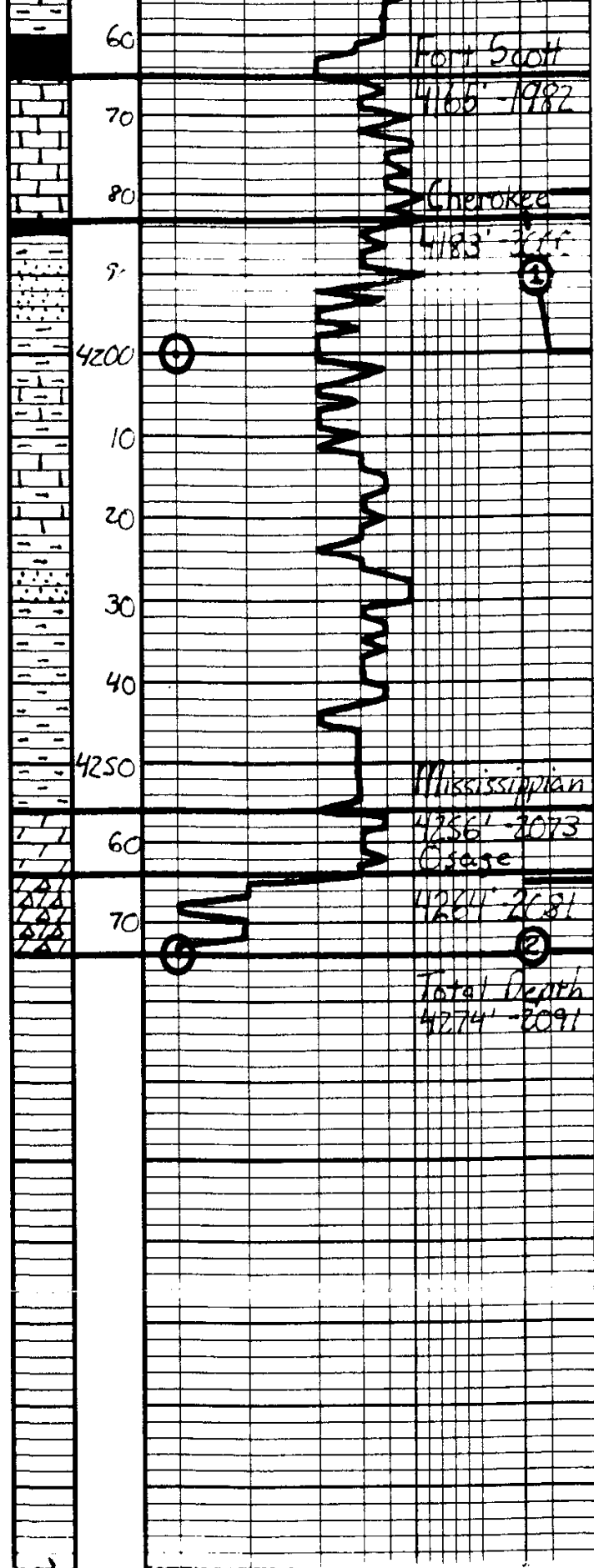
Ls - Gray, Subsls, DNS

IH	2137#
IF	108-164# BOB 3min.
ISI	484# W.S.B.
FF	174-185# BOB 3 1/2 min.
FSI	461# W.S.B.
FH	2047#
BHT	120'F

Ls - als

Ls - als

4150



Sh - Dark Gray  
 30  
 Ls - Tan - Dark, Pa - Subgray  
 Slat. - gray, interbedded with  
 Grit. silt. sh. NSF. No bedding  
 Faint silt. Yel. Fluor. Muddy  
 DNS  
 Sh - Dark Gray  
 43  
 Ls - Tan - Gray - Subdark DNS  
 Sh - Gray - Green  
 SS - Gray, V. Pa. Gr. DNS, Brown  
 Sh - Multicolored, A - H.C. - L. H.C.  
 Sh - A - etc.  
 140  
 Dolo - Off-white - Tan - Pa - Subdark  
 DNS  
 Dolo - SV - Whit - Green - Pa - Med  
 Subdark - silt. sh. with fine - grained inter-  
 bedded layers of fine - grained  
 silt. sh. with brown layers of  
 heavy oil silt. sh. with S.S.  
 strong odor, oil - wet - white Fluor.

Recovery:  
 94' GIP  
 252' HOCW/M  
 25% O.I., 30% W  
 60' SOCW/M  
 5% O.I., 35% W  
 63' MW w/ oil spots  
**DST #2**  
 Mississippian  
 4265' - 4274'  
 10" 30" 10" 30"  
 IH 2233#  
 IF 93-119#  
 308 2.5 min.  
 ISI 1222#  
 Built to 8.5 in.  
 FF 142-183#  
 808 3.5 min.  
 FSI 1216#  
 Built to 8.5 in.  
 FH 2094#  
 BHT 121°F  
 Recovery:  
 393' GIP  
 330' M60  
 63' WM60  
 55% O.I., 5% Water  
 60' HOCW/M  
 25% O.I., 20% Water  
 Respectfully,  
 Jason H.  
 9-30-2010



# **Geological Report**

American Warrior, Inc.

**Elton Unit #1-32-5**

155' FSL & 560' FWL

Sec. 32 T18s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Elton Unit #1-32-5  
155' FSL & 560' FWL  
Sec. 32 T18s R21w  
Ness County, Kansas  
API # 15-135-25171-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason Alm

Spud Date: September 23, 2010

Completion Date: September 30, 2010

Elevation: 2177' Ground Level  
2183' Kelly Bushing

Directions: Bazine KS, intersection of Main St. and Hwy 96,  
South to Burgess St. East on Burgess across old  
bridge, and South to EE rd. South 1/2 mi. East into  
Location.

Casing: 266' 8 5/8" surface casing  
4274' 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: Two, Trilobite Testing, Inc. "Jeff Brown"

Problems: DST #1 pulled 20K over string weight off bottom

Remarks: None



## Formation Tops

<b>Formation</b>	<b>American Warrior, Inc.</b>
	<b>Elton Unit #1-32-5</b>
	<b>Sec. 32 T18s R21w</b>
	<b>155' FSL &amp; 560' FWL</b>
Anhydrite	<b>1408', +775</b>
Base	<b>1442', +740</b>
Heebner	<b>3640', -1457</b>
Lansing	<b>3688', -1505</b>
BKc	<b>4009', -1826</b>
Pawnee	<b>4090', -1907</b>
Fort Scott	<b>4167', -1984</b>
Cherokee	<b>4182', -1999</b>
Mississippian	<b>4254', -2071</b>
Osage	<b>4263', -2080</b>
LTD	<b>4275', -2092</b>
RTD	<b>4274', -2091</b>

## Sample Zone Descriptions

- Cherokee Sand (4186', -2003):      Covered in DST #1**  
 Ss – Quartz, fine grained, well sorted, well rounded, fairly cemented with good inter-granular porosity, light to fair oil stain and saturation, show of free oil when broken, fair cut fluorescents, slightly glauconitic, 48 units hotwire.
- Mississippian Osage (4263', -2080):      Covered in DST #2**  
 Dolo – Δ – Fine to medium sucrosic crystalline with fair to good inter-crystalline and vugular porosity, heavy chert, triptolic, heavily weathered with good vuggy porosity, heavy oil stain and saturation, excellent show of free oil, strong odor, bright yellow and white fluorescents, 140 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
“Jeff Brown”

**DST #1**

**Cherokee “A” Sand**

Interval (4180’ – 4200’) Anchor Length 20’

IHP	– 2137 #	
IFP	– 5” – B.O.B. 3 min.	108-164 #
ISI	– 15” – W.S.B.	484 #
FFP	– 5” – B.O.B. 3.5 min.	174-185 #
FSI	– 5” – W.S.B.	461 #
FHP	– 2042 #	
BHT	– 120°F	

Recovery: 94’ GIP  
252’ HOCWM 25% Oil, 30% Water  
60’ SOCWM 5% Oil, 35% Water  
63’ MW w/ oil spots

**DST #2**

**Mississippian Osage**

Interval (4265’ – 4274’) Anchor Length 9’

IHP	– 2233 #	
IFP	– 10” – B.O.B. 3 min.	93-119 #
ISI	– 30” – Built to 8.5 in.	1222 #
FFP	– 10” – B.O.B. 3.5	142-183 #
FSI	– 30” – Built to 8.5 in.	1216 #
FHP	– 2094 #	
BHT	– 121°F	

Recovery: 393’ GIP  
330’ SMCGO Gravity 40° API  
63’ WMCGO 55% Oil, 5% Water  
60’ HOCGWM 25% Oil, 20% Water

## Structural Comparison

<b>Formation</b>	<b>American Warrior, Inc. Elton Unit #1-32-5 Sec. 32 T18s R21w 155' FSL &amp; 560' FWL</b>	<b>American Warrior, Inc. V. Strecker #3-6 Sec. 6 T19s R21w 450' FNL &amp; 335' FEL</b>	<b>American Warrior, Inc. City of Bazine #1 Sec. 32 T18s R21w 790' FSL &amp; 113' FWL</b>
Anhydrite	<b>1408', +775</b>	1421', +774	<b>(FL)</b> 1407', +774 <b>(+5)</b>
Base	<b>1442', +740</b>	1455', +740	<b>(-1)</b> 1442', +739 <b>(+2)</b>
Heebner	<b>3640', -1457</b>	3651', -1456	<b>(+1)</b> 3636', -1455 <b>(+6)</b>
Lansing	<b>3688', -1505</b>	3698', -1503	<b>(+1)</b> 3683', -1502 <b>(+3)</b>
BKc	<b>4009', -1826</b>	4021', -1826	<b>(-1)</b> 4008', -1827 <b>(FL)</b>
Pawnee	<b>4090', -1907</b>	4101', -1906	<b>(-1)</b> 4088', -1907 <b>(+2)</b>
Fort Scott	<b>4167', -1984</b>	4180', -1985	<b>(+2)</b> 4164', -1983 <b>(+5)</b>
Cherokee	<b>4182', -1999</b>	4196', -2001	<b>(FL)</b> 4182', -2001 <b>(+6)</b>
Mississippian	<b>4254', -2071</b>	4268', -2073	<b>(+6)</b> 4248', -2067 <b>(+9)</b>
Osage	<b>4263', -2080</b>	4278', -2083	<b>(-2)</b> 4266', -2085 <b>(+6)</b>

## Summary

The location for the Elton Unit #1-32-5 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had examined the decision was made to run 5 1/2 inch production casing to further evaluate the Elton Unit #1-32-5 well.

## Recommended Perforations

**Primary:**

**Mississippian Osage: (4263' – 4273') DST #2**

**Secondary:**

**Cherokee Sand: (4186' – 4190') DST #1**

Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.