[redacted] 1241267

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058
Name: American Warrior, Inc.
Address 1: 3118 CUMMINGS RD
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 + __ __ __ __
Contact Person: JoeSmith
Phone: (620) 275-2963
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Luke Thompson
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
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

12/13/2014	12/22/2014	01/26/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22368-00-00
Spot Description:
NW SW SE NW Sec. 23 Twp. 22 S. R. 34 ☐ East ☑ West
2309 Feet from ☑ North / ☐ South Line of Section
1345 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Finney
Lease Name: Six M Well #: 1-23
Field Name:
Producing Formation: Morrow
Elevation: Ground: 2929 Kelly Bushing: 2942
Total Vertical Depth: 4950 Plug Back Total Depth: 4912
Amount of Surface Pipe Set and Cemented at: 1765 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: 14000 ppm Fluid volume: 65 bbls
Dewatering method used: Evaporated
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

☑ **Confidentiality Requested**
Date: 02/02/2015
☑ **Confidential Release Date:** 02/01/2017
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 02/03/2015

[redacted]

1241267

Operator Name: American Warrior, Inc. Lease Name: Six M Well #: 1-23

Sec. 23 Twp. 22 S. R. 34 ☐ East ☑ West County: Finney

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.250	8.625	24	1765	Class A	825	3%CC, 2%gel.
Production	7.875	5.5	15.5	4942	EA-2	125	

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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4	4809'to4811		

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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Six M 1-23
Doc ID	1241267

All Electric Logs Run

Induction
Porosity
Micro
Sonis

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Six M 1-23
Doc ID	1241267

Tops

Name	Top	Datum
Anhy	1975	+967
B/Anhy	2041'	+901
Heebner	3827'	-885
Lansing	3888'	-946
B/KC	4351'	-1409
Marmaton	4376'	-1443
Ft.Scott	4502'	-1560
Morrow	4716'	-1774'
Mississippian	4820'	-1878

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Six M 1-23
Doc ID	1241267

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.250	8.625	24	1765	Class A	825	3%CC, 2%gel.
Production	7.875	5.5	15.5	4942	EA-2	125	

SWIFT Services, Inc.

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

TICKET 28178

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. NESS CITY, KS.		SIX M 1-23	FINNEY	KS.	HOLCOMB, KS.	22 Dec 14	

2.	TICKET TYPE ☐ SERVICE ☐ SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.
		DUKE DRILLING RIG 9				

3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION
4.	OIL	DEVELOPMENT	5½ LONGSTRING		8N, 2W, ½N, E INTO

REFERRAL LOCATION | INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575					MILEAGE # 115	100	MIL			6 00	600 00
578					PUMP CHARGE	1	JOB			1500 00	1500 00
402					CENTRALIZERS	10	EA.			70 00	700 00
403					CEMENT BASKETS	1	EA.			300 00	300 00
406					LATCH DOWN PLUG & BAFFLE	1	EA.			275 00	275 00
407					INSERT FLOAT SHOE W/ FILL	1	EA			375 00	325 00
419					ROTATING HEAD RENTAL	1	JOB			200 00	200 00
281					MUD FLUSH	500	GAL			1 25	625 00
221					LIQUID KCL	2	GAL			25 00	50 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 22 Dec 14 | TIME SIGNED 1730 ☐ 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? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 2	4625 00 / 5472 75
subtotal	10,097 75
Finney TAX 7.3%	491 40
TOTAL	10,589 15

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

SWIFT OPERATOR Jack Ratliff | APPROVAL

Thank You!

SWIFT Services, Inc.

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

TICKET CONTINUATION

TICKET No. 28178

CUSTOMER: AMERICAN WARRIOR | WELL: SIX M 1-23 | DATE: 22 Dec 14 | PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCOUNTING ACCT	ACCOUNTING DF	TIME	DESCRIPTION	QTY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
276						FLOCELE	50	lbs			2.50	125.00
283						SALT	900	lbs			.20	180.00
284						CALSEAL	8	SK			35.00	280.00
292						HALAD-322	125	lbs			8.00	1000.00
290						D-AIR	2	GAL			42.00	84.00
325						~~HALD~~ STANDARD EA-2	175	SK			14.50	2537.50
581						SERVICE CHARGE	CUBIC FEET 175 SK				2.00	350.00
583						MILEAGE CHARGE TOTAL WEIGHT 18325 LOADED MILES 100	TON MILES 916.25				1.00	916.25

CONTINUATION TOTAL 5472.75

JOB LOG

SWIFT Services, Inc.

DATE 22 Dec 14 | PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
AMERICAN WARRIOR		Sixm 1-23	5½ LONGSTRING	28178

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1130							ON LOCATION
								RTD @ 4950
	1240							START PIPE 5½ - 15.5#
								SHOE JT. 21.03
								CENTRALIZERS 1,3,5,7,9,11,13,15,17,19
								BASKET #7
	1508							DROP BALL - CIRCULATE.
	1549	6	12		↘			Pump 500 gal MUD FLUSH
		6	20		↘			Pump 20 BBL KCL SPACER
	1555		7.5					PLUG RH - 30sx MH - 20sx
	1600	4	30		↘			MIX 125 sx EA-2
	1611							WASH OUT PUMP & LINES.
	1614	6			↘			START DISPLACING PLUG.
	1649	Ø	117		↘		1500	PLUG DOWN LATCH PLUG IN.
	1651				↘			RELEASE PSI - DRY
	1653							WASH TRUCK
	1730							JOB COMPLETE
								THANKS #115
								JASON DAVE PRESTON

CEMENTING LOG

ALLIED OIL & GAS SERVICES, LLC

Date 12/14/2014 District Liberal # 21 Ticket No. 64578
Company American Warrior Rig Duke # 9
Lease Six M Well No 1-23
County Finney State Ks
Location
Field
Casing Data ☐ Conductor ☐ PTA ☐ Squeeze ☐ Misc. ☑ Surface ☐ Intermediate ☐ Production ☐ Liner
Size 8 5/8 Type Weight 24# Collar

Casing Depths Top Bottom 1765

CEMENT DATA
Spacer Type H2O
Amt. Sks Yield ft³/sk Density PPG
10 bbls

LEAD: Time hrs. Type 65/35 6% Gel 3%CC
.5# Floseal Excess
Amt. 625 Sks Yield 2 ft³/sk Density 12.4 PPG
TAIL: Time hrs. Type Class A 3% CC 1/4# Flo Seal
Excess
Amt. 200 Sks Yield 1.21 ft³/sk Density 15.6 PPG
WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total BBLS

Pump Trucks Used: 549-550
Bulk Equipment 993-1066
950-554

Drill Pipe:	BBLS/LIN. FT		LIN. FT/BBL	
Open Hole:	BBLS/LIN. FT		LIN. FT/BBL	
Capacity Factors:	BBLS/LIN. FT	0.0637	LIN. FT/BBL	15.7
Casing	BBLS/LIN. FT		LIN. FT/BBL	
Open Holes	BBLS/LIN. FT	0.1458	LIN. FT/BBL	6.85
Drill Pipe	BBLS/LIN. FT		LIN. FT/BBL	
Annulus	BBLS/LIN. FT	0.0736	LIN. FT/BBL	13.6
	BBLS/LIN. FT		LIN. FT/BBL	

Perforations From ft to ft Amt

Float Equipment: Manufacturer Weather Ford
Shoe: Type Guide Shoe Depth 1765
Float: Type AFU insert float Depth 1724
Centralizers: Quantity 3 Plugs Top Bottom
Stage Collars
Special Equipment
Disp: Fluid Type H2O Amt 110 bbls Weight 8.3 PPG
Mud Type Water Base Weight 9

COMPANY REPRESENTATIVE
CEMENTER Lenny Baeza

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	
4:00pm						On location @ 4:00pm
6:00pm						Rigging up to the well head
6:47pm	1500					Pressure test lines
6:48pm	250		10		4	Pumping 10 bbls of water ahead
6:50pm	240		232		6	Mixing cement 625sk @12.4#
7:24pm	200		265		4	Mixing cement 200sk @ 15.6#
7:40pm	0		265		0	Shut down and releases the plug
7:41pm	80		265		3	Plug left the head started displacement of 110 bbls
7:47pm	240		305		5	40bbls gone (CEMENT COMING TO SURFACE @ 10 BBLS GONE)
7:50pm	370		325		6	60bbls gone
7:53pm	500		345		6	80bbls gone
7:56pm	600		365		6	100bbls gone
8:00pm	1300		371		3	110 bbls gone and landed the plug 1300 psi HOLDING AND RELEASED
						.5 BBLS BACK TO THE TRUCK RIGGING DOWN LEAVING LOCATION 8:30PM
						100 bbls of cement to surface

FINAL DISP. PRESS. 600 PSI BUMP PLUG TO 1300 PSI BLEEDBACK 0.5 BBLS THANK YOU

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

PO Box 399
Garden City KS, 67846

ATTN: Luke Thompson

Six M #1-23

23-22s-34w Finney,KS

Start Date: 2014.12.20 @ 22:50:00
End Date: 2014.12.21 @ 07:15:30
Job Ticket #: 58515 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.12.23 @ 14:31:46

DRILL STEM TEST REPORT

American Warrior, Inc.

PO Box 399
Garden City KS, 67846

ATTN: Luke Thompson

23-22s-34w Finney,KS

Six M #1-23

Job Ticket: 58515 **DST#: 1**

Test Start: 2014.12.20 @ 22:50:00

GENERAL INFORMATION:

Formation: **Morrow Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:26:15
Time Test Ended: 07:15:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Jace McKinney
Unit No: 75

Interval: 4688.00 ft (KB) To 4808.00 ft (KB) (TVD)
Total Depth: 4808.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

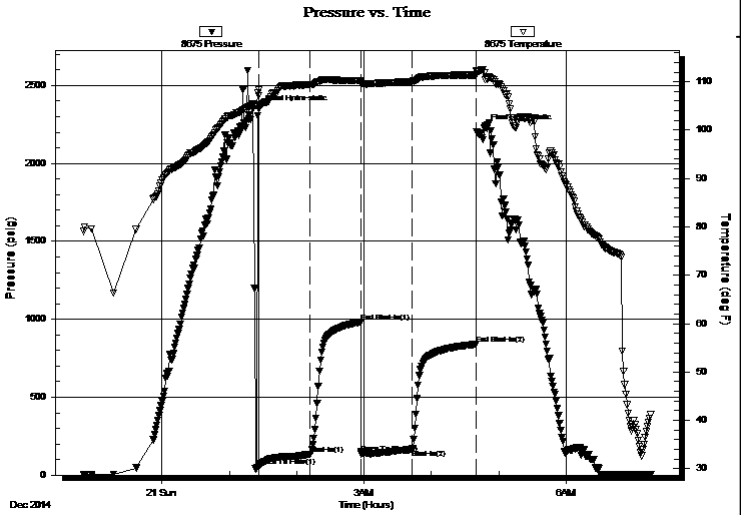
Reference Elevations: 2942.00 ft (KB)
2929.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8675 **Inside**

Press@RunDepth: 165.30 psig @ 4701.00 ft (KB)
Start Date: 2014.12.20 End Date: 2014.12.21
Start Time: 22:50:15 End Time: 07:15:30

Capacity: 8000.00 psig
Last Calib.: 2014.12.21
Time On Btm: 2014.12.21 @ 01:26:00
Time Off Btm: 2014.12.21 @ 04:47:15

TEST COMMENT: B.O.B. in 21 1/2 min.
Bled off for 5 min, Built to 1" return blow
B.O.B. in 8 1/2 min.
Bled off for 5 min, Built to 6" return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2347.82	108.31	Initial Hydro-static
1	57.43	107.16	Open To Flow (1)
46	132.45	109.44	Shut-In(1)
91	982.10	110.30	End Shut-In(1)
92	137.37	109.94	Open To Flow (2)
137	165.30	110.09	Shut-In(2)
194	840.43	111.40	End Shut-In(2)
202	2225.71	111.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
116.00	mcgo 10%M 40%G 50%O	0.57
121.00	mcgo 10%m 30%G 60%O	1.18
141.00	mcgo 20%M 20%G 60%O	1.98
0.00	738 Feet Gas In Pipe	0.00

Gas Rates

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

DRILL STEM TEST REPORT

American Warrior, Inc.

PO Box 399
Garden City KS, 67846

ATTN: Luke Thompson

23-22s-34w Finney,KS

Six M #1-23

Job Ticket: 58515 **DST#: 1**

Test Start: 2014.12.20 @ 22:50:00

GENERAL INFORMATION:

Formation: **Morrow Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:26:15
Time Test Ended: 07:15:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Jace McKinney
Unit No: 75

Interval: 4688.00 ft (KB) To 4808.00 ft (KB) (TVD)
Total Depth: 4808.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

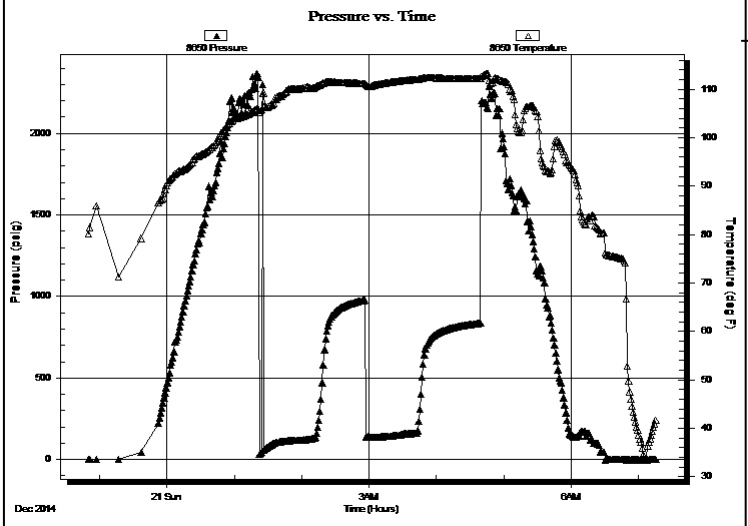
Reference Elevations: 2942.00 ft (KB)
2929.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8650 **Outside**

Press@RunDepth: psig @ 4701.00 ft (KB)
Start Date: 2014.12.20 End Date: 2014.12.21
Start Time: 22:50:15 End Time: 07:15:15

Capacity: 8000.00 psig
Last Calib.: 2014.12.21
Time On Btm:
Time Off Btm:

TEST COMMENT: B.O.B. in 21 1/2 min.
Bled off for 5 min, Built to 1" return blow
B.O.B. in 8 1/2 min.
Bled off for 5 min, Built to 6" return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
116.00	mcgo 10%M 40%G 50%O	0.57
121.00	mcgo 10%m 30%G 60%O	1.18
141.00	mcgo 20%M 20%G 60%O	1.98
0.00	738 Feet Gas In Pipe	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

PO Box 399
Garden City KS, 67846

ATTN: Luke Thompson

23-22s-34w Finney,KS

Six M #1-23

Job Ticket: 58515 **DST#: 1**

Test Start: 2014.12.20 @ 22:50:00

Tool Information

Drill Pipe:	Length:	4518.93 ft	Diameter:	3.80 inches	Volume:	63.39 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		30000.00 lb
Drill Collar:	Length:	173.29 ft	Diameter:	2.25 inches	Volume:	0.85 bbl	Weight to Pull Loose:		92000.00 lb
					Total Volume:	64.24 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		31.72 ft					String Weight:	Initial	70000.00 lb
Depth to Top Packer:		4688.00 ft						Final	72000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		120.00 ft							
Tool Length:		147.50 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			4661.50		
Shut In Tool	5.00			4666.50		
Hydraulic tool	5.00			4671.50		
Jars	5.00			4676.50		
Safety Joint	2.50			4679.00		
Packer	5.00			4684.00	27.50	Bottom Of Top Packer
Packer	4.00			4688.00		
Stubb	1.00			4689.00		
Perforations	11.00			4700.00		
Change Over Sub	1.00			4701.00		
Recorder	0.00	8675	Inside	4701.00		
Recorder	0.00	8650	Outside	4701.00		
Drill Pipe	93.00			4794.00		
Change Over Sub	1.00			4795.00		
Perforations	10.00			4805.00		
Bullnose	3.00			4808.00	120.00	Bottom Packers & Anchor
Total Tool Length:	**147.50**					

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

PO Box 399
Garden City KS, 67846

ATTN: Luke Thompson

23-22s-34w Finney,KS

Six M #1-23

Job Ticket: 58515 **DST#: 1**

Test Start: 2014.12.20 @ 22:50:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	30 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

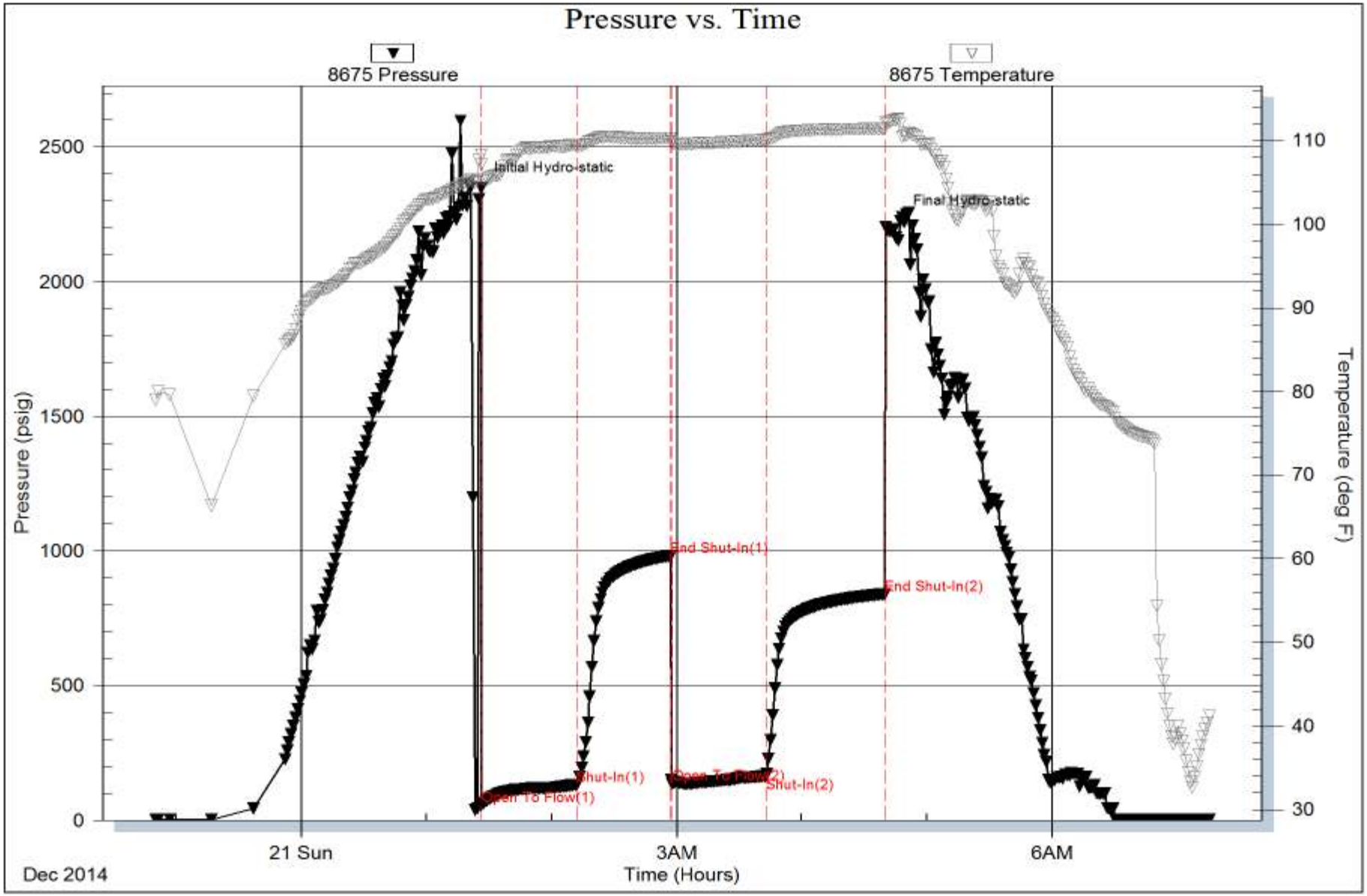
Length ft	Description	Volume bbl
116.00	mcgo 10%M 40%G 50%O	0.570
121.00	mcgo 10%m 30%G 60%O	1.175
141.00	mcgo 20%M 20%G 60%O	1.978
0.00	738 Feet Gas In Pipe	0.000

Total Length: 378.00 ft Total Volume: 3.723 bbl

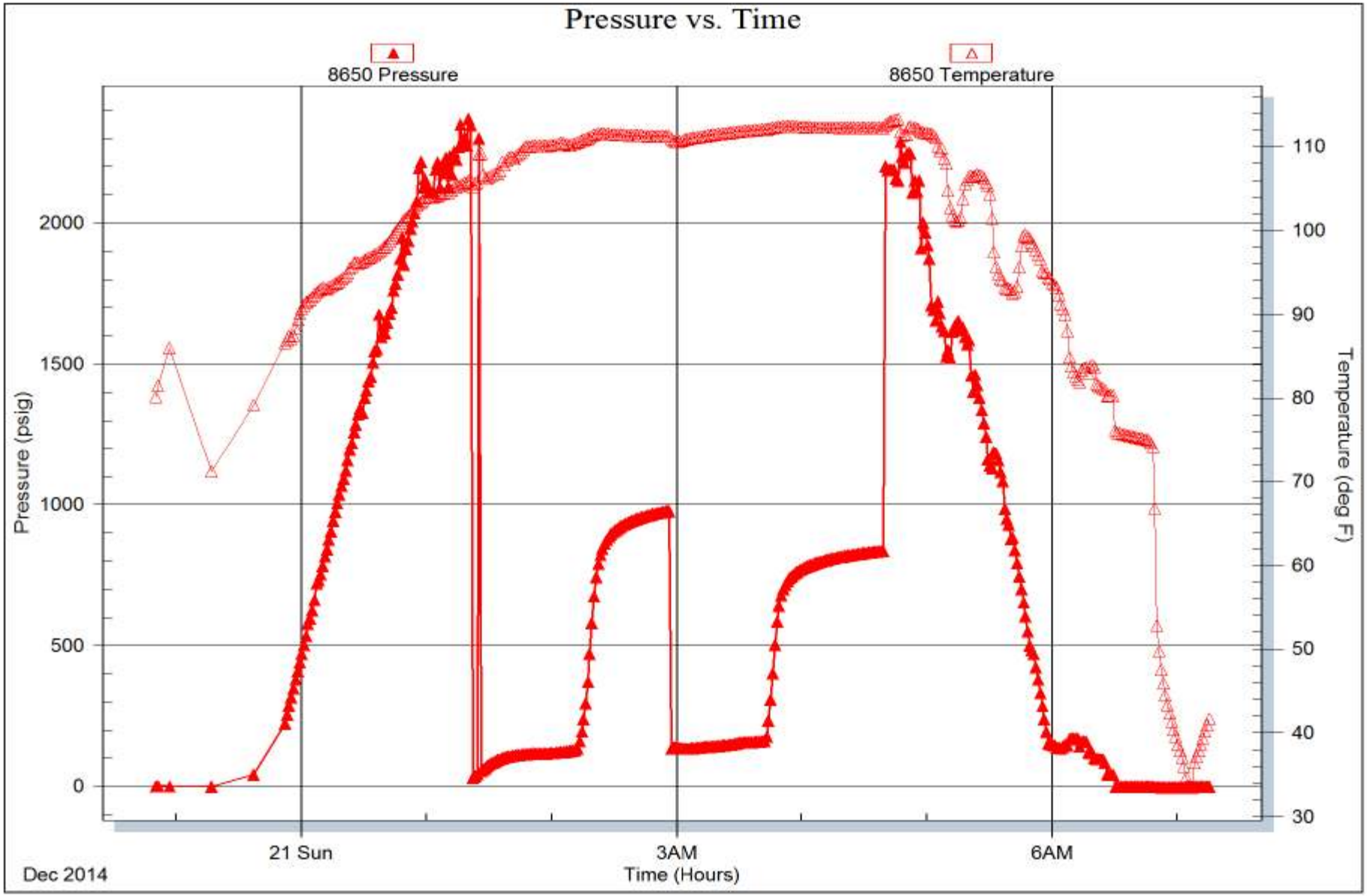
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API: 27 @ 30 F = 30


Pressure vs. Time
8675 Pressure
8675 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
2500
2000
1500
1000
500
0
110
100
90
80
70
60
50
40
30
21 Sun
3AM
6AM
Dec 2014
Time (Hours)

Serial #: 8650 **Outside** American Warrior, Inc. Six M#1-23 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 58515 Printed: 2014.12.23 @ 14:31:47

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 58515

Well Name & No. Six M #1-23 Test No. 1 Date 12/20/14 12/21/14

Company American Warrior, Inc. Elevation 2942 KB 2929 GL

Address 3118 Cummings RD, PO Box 399, Garden City KS, 67846

Co. Rep / Geo. Luke Thompson Rig Duke Rig 9

Location: Sec. 23 Twp. 22s Rge. 34w Co. Finney County State KS

Interval Tested 4688-4808 Zone Tested Morrow Sand

Anchor Length 120 Drill Pipe Run 4518.93 Mud Wt. 9.25

Top Packer Depth 4684 Drill Collars Run 173.29 Vis 50

Bottom Packer Depth 4688 Wt. Pipe Run ——— WL 8.8

Total Depth 4808 Chlorides 1,800 ppm System LCM 3#

Blow Description B.O.B. in 21½ min.
Bled off for 5 min. Built to 1" return blow
B.O.B. in 8½ min.
Bled off for 5 min. Built to 6" return blow

Rec 0	Feet of 738 Feet Gas In Pipe	%gas	%oil	%water	%mud
Rec 141	Feet of gcmo	20 %gas	60 %oil	%water	20 %mud
Rec 121	Feet of mcgo	30 %gas	60 %oil	%water	10 %mud
Rec 116	Feet of mcgo	40 %gas	50 %oil	%water	10 %mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 378 BHT 111 Gravity 30 API RW ——— @ ——— °F Chlorides ——— ppm

(A) Initial Hydrostatic	2,348	☑ Test	1250	T-On Location	21:40
(B) First Initial Flow	57	☑ Jars	250	T-Started	22:30
(C) First Final Flow	132	☑ Safety Joint	75	T-Open	01:27
(D) Initial Shut-In	982	☑ Circ Sub	N/C	T-Pulled	04:42
(E) Second Initial Flow	137	☐ Hourly Standby		T-Out	07:15
(F) Second Final Flow	165	☑ Mileage	64 RT X 2 99.20	Comments	Loaded tool 15:00 12/21/14
(G) Final Shut-In	840	☐ Sampler	99.20		
(H) Final Hydrostatic	2,226	☐ Straddle		☐ Ruined Shale Packer	
		☐ Shale Packer		☐ Ruined Packer	
Initial Open	45	☐ Extra Packer		☐ Extra Copies	
Initial Shut-In	45	☐ Extra Recorder		Sub Total	0
Final Flow	45	☐ Day Standby		Total	1773.40
Final Shut-In	60	☐ Accessibility		MP/DST Disc't	✓
		Sub Total	1773.40		

Approved By ——— Our Representative ———

Geological Report

American Warrior, Inc.

Six M #1-23

2309’ FNL & 1345’ FWL

Sec 23, T22s, R34w

Finney County, Kansas

American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Six M #1-23 2309’ FNL & 1345’ FWL Sec. 23, T22s, R34w Finney County, Kansas API # 15-055-22368-00-00
Drilling Contractor:	Duke Drilling Co. Rig #9
Geologist:	Luke Thompson
Spud Date:	December 14, 2012
Completion Date:	December 22, 2014
Elevation	2929’ G.L. 2942’ K.B.
Directions:	From the NW side of Holcomb, KS at the intersection of Hwy 50 and Big Lowe Rd, go north 8 miles to Miller Rd, go west 2 miles to Ritchel Rd, go north 0.5 miles, then east into
Casing:	1765’ 8 5/8” #24 Surface Casing 4942’ 5 ½” #15.5 Production Casing
Samples:	3800’ to RTD 10’ Wet & Dry
Drilling Time:	3750’ to RTD
Electric Logs:	Pioneer Energy Services “D. Fischer” Full Sweep
Drillstem Tests:	One-Trilobite Testing “Jace McKinney”
Problems:	None Encountered

Formation Tops

Six M #1-23

Sec. 13, T22s, R34w

2309' FNL & 1345' FWL

Anhydrite	**1975' +967**
Base	**2041' +901**
Heebner	**3827' -885**
Lansing	**3888' -946**
Stark	**4219' -1277**
Bkc	**4351' -1409**
Marmaton	**4376' -1434**
Pawnee	**4473' -1531**
Fort Scott	**4502' -1560**
Cherokee	**4512' -1570**
Morrow	**4716' -1774**
Miss	**4820' -1878**
RTD	**4950' -2008**
LTD	**4951' -2009**

Sample Zone Descriptions

Morrow (4772', -1830): Covered in DST #1

Sandstone, grey, fine to medium grain, sub-angular to sub-round, medium sorting, poor to medium consolidation, slightly dirty, occasionally glauconitic, fair porosity, slight odor, fair odor when broke, fair show of free oil when broke, fair to good saturation, fair to good stain. Gas 50 units hotwire. (Gas reading, may not be reliable, gas system was working intermittently).

Drill Stem Tests

Trilobite Testing

"Jace McKinney"

DST #1 **Morrow**

Interval (4688' – 4808') Anchor Length 120'

IHP	- 2348 #	
IFP	- 45" – BOB in 21 ½ min	57-132 #
ISI	- 45" – Built to 1"	982 #
FFP	- 45" – BOB in 8 ½ min	137-165 #
FSIP	- 60" – Built to 6"	840 #
FHP	- 2226 #	
BHT	- 112° F	

Recovery:	738' GIP	
	116' MCGO (50% Oil)	Gravity: 30
	121' MCGO (60% Oil)	
	141' MCGO (60% Oil)	

Structural Comparison

Formation	American Warrior, Inc. Six M #1-23 Sec. 23, T22s, R34w 2309' FNL & 1345' FWL		Sonat Exploration Co. Six M Farms #1-23 Sec. 23, T22s, R34w 1650' FNL & 2000' FWL		Mid-Continent Resources Nellans #1 Sec 22, T22s, R34w 990' FNL & 660' FEL
Heebner	**3827' -885**	**-7**	3811' -878	**-9**	3816' -876
Lansing	**3888' -946**	**-7**	3872' -939	**-5**	38810' - 941
Stark	**4219' -1277**	**-3**	4207' -1274	**-9**	4208' -1268
BKC	**4351' -1409**	**-2**	4340' -1407	**-7**	4342' -1402
Marmaton	**4376' -1434**	**-2**	4365' -1432	**-11**	4363' -1423
Pawnee	**4473' -1531**	**-8**	4456' -1523	**-1**	4470' -1530
Fort Scott	**4502' -1560**	**-7**	4486' -1553	**-4**	4496' -1556
Cherokee	**4512' -1570**	**-7**	4496' -1563	**-3**	4507' -1567
Morrow	**4716' -1774**	**-8**	4699' -1766	**0**	4714' -1774
Miss	**4820' -1878**	**-19**	4792' -1859	**-20**	4798' -1858

Summary

The location for the Six M #1-23 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem test was conducted which recovered commercial quantities of oil from the Morrow Sandstone. After all the gathered data had been examined, the decision was made to run 5 ½" casing to further evaluate the Six M #1-23 well.

Perforations

Primary:	**Morrow**	**1st (4789'-4792'), 2nd (4770'-4776')**
Secondary:	**Marmaton**	**(4402'-4408')**
Before Abandonment:	**Marmaton**	**(4439'-4442')**
	St. Louis	**(4868'-4872')**

Respectfully Submitted,

Lukas Thompson
American Warrior, Inc.