



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 Bbbs.	Gas Mcf	Water Bbbs.	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	O'Brate Unit 1-12
Doc ID	1113746

All Electric Logs Run

Prosity
Induction
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate Unit 1-12
Doc ID	1113746

Tops

Name	Top	Datum
Heebner	4069'	-1232
Lansing	4118'	-1281
Stark	4441'	-1604
B/KC	4570'	-1733
Marmaton	4591'	-1754
Pawnee	4672'	-1835
Ft.Scott	4703'	-1866
Morrow	4846'	-2009
Mississippian	4897'	-2060

ALLIED OIL & GAS SERVICES, LLC KB 052690

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Liberal

DATE <u>12/19/12</u>	SEC. <u>12</u>	TWP. <u>24S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00</u>	JOB FINISH <u>13:00</u>
LEASE <u>Obrate Unit</u>	WELL# <u>1-12</u>	LOCATION <u>Garden City Kansas</u>			COUNTY <u>Gray</u>	STATE <u>Kansas</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Duke Drilling Rig #9</u>	OWNER <u>1-01</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>453</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>434</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1,500</u>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>30'</u>	
PERFS.	
DISPLACEMENT <u>25</u>	

EQUIPMENT	
PUMP TRUCK	CEMENTER <u>Tim C</u> 1
# <u>531-541</u>	HELPER <u>Cesar P</u> 2
BULK TRUCK	
# <u>472-467</u>	DRIVER <u>Vicente T</u> 3
BULK TRUCK	
#	DRIVER

CEMENT	AMOUNT ORDERED <u>275 SKS Class A</u>
	<u>3% GEL, 2% CC</u>
COMMON	<u>275 SKS @ 17.97 \$4,922.57</u>
POZMIX	@
GEL	<u>5 SKS @ 23.40 \$117.07</u>
CHLORIDE	@
ASC	@
CC	<u>10 SKS @ 64.07 \$640.00</u>
	@
	@
<u>Sugar</u>	<u>50 lbs @ 1.77 \$88.57</u>
	@
	@
	@
	@
HANDLING	<u>379.5 @ 2.48 \$941.47</u>
MILEAGE <u>Drayage (679)</u>	<u>@ 2.67 \$1,765.97</u>
	TOTAL <u>\$8,473.57</u>

REMARKS:

Thank You

Additional hrs. NO Charge 2 hrs

Additional hrs. SERVICE <u>1</u>	@ <u>440.00</u>	<u>\$440.00</u>
DEPTH OF JOB <u>434'</u>		
PUMP TRUCK CHARGE		<u>\$1,572.00</u>
EXTRA FOOTAGE	@	
MILEAGE	@	
MANIFOLD <u>1</u>	@ <u>360.00</u>	<u>\$360.00</u>
<u>High Vehicle</u> <u>50</u>	@ <u>4.47</u>	<u>\$220.00</u>
<u>Heavy Vehicle</u> <u>50</u>	@ <u>7.79</u>	<u>\$385.00</u>
		TOTAL <u>\$2,917.00</u>

CHARGE TO: America Warrior

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

N/A

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

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 Emigdio Rojas

SIGNATURE Emigdio Rojas

TOTAL _____

SALES TAX (If Any) 429.60

TOTAL CHARGES \$11,390.00

DISCOUNT 20% 2,278.16 IF PAID IN 30 DAYS

\$9,112.45



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

TICKET
 No 23784

PAGE 1 OF

SERVICE LOCATIONS 1. <u>NESS CITY, KS</u>	WELL/PROJECT NO.	LEASE <u>DEGRATE UNIT 1-12</u>	COUNTY/PARISH <u>GRAY</u>	STATE <u>KS.</u>	CITY <u>GARDEN CITY, KS</u>	DATE <u>3 JAN 13</u>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>DUKE DRILLING RIG #9</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>S 2 LONGSTRING</u>	WELL PERMIT NO.	WELL LOCATION <u>110E, 60S, 3/4W, N Frio</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575					MILEAGE #115	80	MIL	6		480 ⁰⁰
578					PUMP CHARGE	1	LAB	4995	FT	1500 ⁰⁰
402					CENTRALIZERS	9	EA	70		630 ⁰⁰
403					CEMENT BASKETS	2	EA	250		500 ⁰⁰
404					PORT COLLAR	1	EA	3161	FT	2400 ⁰⁰
406					LATCH DOWN PLUG & BAFFLE	1	EA	250		250 ⁰⁰
407					INSERT FLOAT SHOE W/AUX FILL	1	EA	350		350 ⁰⁰
281					MILD FLUSH	500	92	1		625 ⁰⁰
221					LIQUID KCL	2	92	25		50 ⁰⁰
419					ROTATING HEAD RENTAL	1	LAB	200		200 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 JOSE REYES
 DATE SIGNED 3 JAN 13 TIME SIGNED 1315 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 1	6985 ⁰⁰
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				2	5024 ⁰⁰
WE UNDERSTOOD AND MET YOUR NEEDS?				sub total	12,009 ⁰⁰
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Gray TAX 7.45%	666 ⁵¹
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	12,675 ⁷³
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

TICKET CONTINUATION

TICKET No. 23784

CUSTOMER AMERICAN WARRIOR WELL OBRATE UNIT 1A DATE 3 JAN 13 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
276						FLOCELE	44	lbs			2.00	88.00
283						SALT	912	lbs			0.20	182.40
284						CALSEAL	8	sc			35.00	280.00
292						HALAD 322	124	lbs			7.25	900.00
290						D-AIR	2	gal			35.00	70.00
325						STANDARD CEMENT EA2	175	sk			13.50	2362.50
581						SERVICE CHARGE					2.00	350.00
533						MILEAGE CHARGE					1.00	732.72
						TOTAL WEIGHTS	18318					
						LOADED MILES	80					
						CUBIC FEET	175	sk				
						TON MILES	732.72					

CONTINUATION TOTAL 5024.22

JOB LOG

SWIFT Services, Inc.

DATE 3 JAN 18 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE OBRATE UNIT 1-12

JOB TYPE

5 1/2 LONGSTRING

TICKET NO.

23784

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0600							ON LOCATION
	0830							START PIPE 5 1/2 - 15.5 # RTD @ 5000 LTD @ 4999 SHOELT. 21.00' CENTRALIZERS 2, 6, 8, 11, 13, 15, 17, 44, 46 BASKETS 4, 45 PORT COLLAR #45 @ 3161
	1115				✓			DROP-BALL - CIRCULATE
		6 1/2	12		✓		300	Pump 500 gal MUD FLUSH
	1155	6 1/2	20		✓		300	Pump 20 BBL RCL FLUSH
	1200		7.5		✓			PLUG RH - MH (.30sx-20sx)
	1204	4 1/2	30		✓			MIX 125sx EA2
	1216							WASH OUT PUMP & LINES.
	1219	7			✓			START DISPLACING PLUG
	1238	Ø	118 1/2		✓		1500	PLUG DOWN - LATCH PLUG IN
	1241				✓			RELEASE PRESSURE - DRY
	1243							WASH TRUCK
	1300							JOB COMPLETE
	1325							THANKS #115 JASON JEFF FLINT



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
P.o Box 399
Garden City KS 67846
ATTN: Kevin Timson

12-24s-30w Gray Co. KS

O'Brate - Unit #1-12

Job Ticket: 49983

DST#: 2

Test Start: 2013.01.01 @ 01:06:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:11:25

Time Test Ended: 09:14:24

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 58

Interval: 4818.00 ft (KB) To 4875.00 ft (KB) (TVD)

Reference Elevations: 2837.00 ft (KB)

Total Depth: 4875.00 ft (KB) (TVD)

2824.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8674

Inside

Press @ Run Depth: 100.34 psig @ 4819.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.01

End Date: 2013.01.01

Last Calib.: 2013.01.01

Start Time: 01:06:00

End Time: 09:14:24

Time On Btm: 2013.01.01 @ 04:10:55

Time Off Btm: 2013.01.01 @ 06:16:39

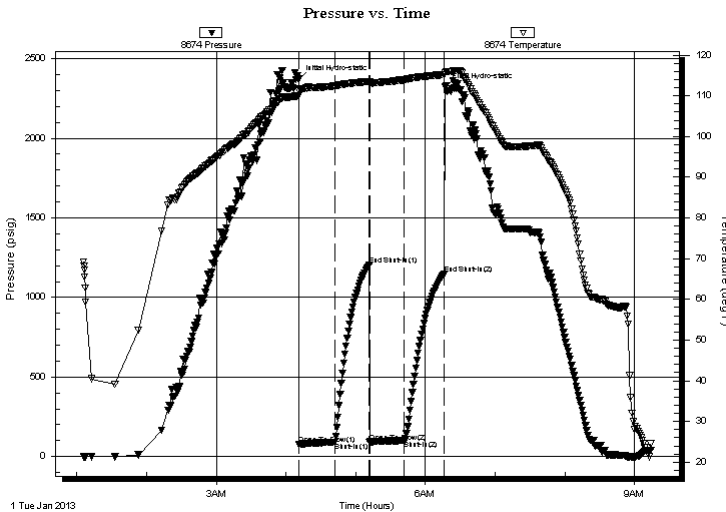
TEST COMMENT: IF- 2" Blow slid 4 to 5' to Bottom Bled the Blow off then had just a Weak Surface Blow

IS- No Blow

FF- No Blow

FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2369.75	110.08	Initial Hydro-static
1	76.98	111.34	Open To Flow (1)
31	90.53	112.40	Shut-In(1)
61	1204.32	113.55	End Shut-In(1)
61	91.20	112.84	Open To Flow (2)
91	100.34	113.94	Shut-In(2)
125	1145.34	115.22	End Shut-In(2)
126	2320.96	115.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	100%m	0.32
60.00	100%m w ith Few Oil Spots	0.30

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
P.o Box 399
Garden City KS 67846
ATTN: Kevin Timson

12-24s-30w Gray Co. KS
O'Brate - Unit #1-12
Job Ticket: 49983 **DST#: 2**
Test Start: 2013.01.01 @ 01:06:00

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	100%m	0.320
60.00	100%m with Few Oil Spots	0.295

Total Length: 125.00 ft Total Volume: 0.615 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

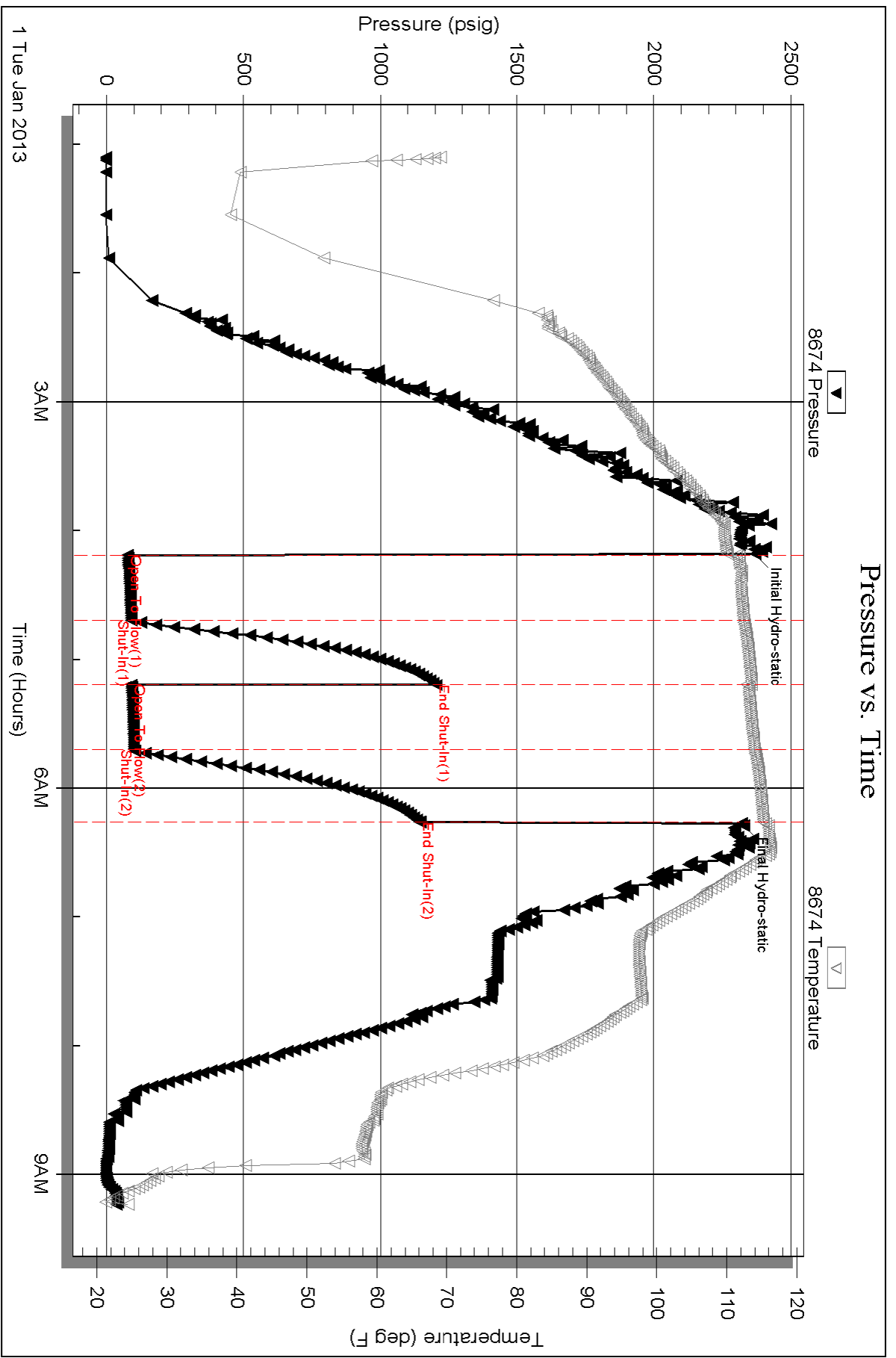
Serial #: 8674

Inside

American Warrior Inc

O/Brate - Unit #1-12

DST Test Number: 2



Geological Report

American Warrior, Inc.

O'Brate Unit #1-12

159' FSL & 1649' FWL

Sec. 12, T24s, R30w

Gray County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate Unit #1-12
159' FSL & 1649' FWL
Sec. 12, T24s, R30w
Gray County, Kansas
API # 15-069-20425-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: December 18, 2012

Completion Date: January 3, 2013

Elevation 2824' Ground Level
2837' Kelly Bushing

Directions: From Southeast side of Garden City, KS at intersection of Hwy 50 and Pole Line Rd. Go 7 miles East on Pole Line Rd to 4 Rd. Now go 1 mile North on 4 Rd to C Rd. Now go 2 miles East on C Rd. and North into location.

Casing: #28 8 5/8" surface casing set @ 446' with 275 sacks Class A, 3% c.c, 2% gel. #15.5 5 1/2" production casing set @ 4995 with 125 sacks EA-2. Port collar @ 3962.

Samples: 4000' to RTD 10' wet and dry,

Drilling Time: 4000' to RTD

Electric Logs: Pioneer "C. Desaire" Dual Compensated Porosity, Dual Induction, Microresistivity, Sonic Log.

Drillstem Tests: Three Trilobite Testing "Will MacLean & Chuck Smith"

Remarks: Testing tool slid slightly on DST #1 & DST #2

Formation Tops

Formation

Heebner

Lansing

Stark

BKc

Marmaton

Pawnee

Fort Scott

Cherokee

Atoka

Morrow

Miss

RTD

American Warrior, Inc.

O'Brate Unit #1-12

Sec. 12, T24s, R30w

159' FSL & 1649' FWL

4069' -1232

4118' -1281

4441' -1604

4570' -1733

4591' -1754

4672' -1835

4703' -1866

4717' -1880

4815' -1978

4846' -2009

4897' -2060

5000' -2144

Sample Zone Descriptions

Pawnee Limestone (4672', -1835): Not Tested

Limestone tan. Sub to fine crystalline. Fair to good oomoldic porosity and fair to good oolycastic porosity. Barren. Chalky. Δ-off white/brown.

Morrow Sandstone (4846', 2009): Covered in DST #1, DST #2, & DST #3

Sandstone gray. Very fine to fine grain. Poor intercrystalline porosity. Slight to fair stain. Slight to fair saturation. Show of free oil when broken. Slight to fair odor. 40 unit hotwire. Tight upper section.

Drill Stem Tests

Trilobite Testing Inc.

“Will MacLean & Chuck Smith”

DST #1

Morrow Sand

Interval (4802' – 4860') Anchor Length 58'

IHP	- 2346 #	
IFP	- 30" – Built to 2 ¾" tool slid 5' to bottom	65-72 #
ISI	- 30" – No Return	1152 #
FFP	- 30" – WSB in 5 min, died in 20 min	73-78 #
FSIP	- 30" – No Return	1052 #
FHP	- 2275 #	
BHT	- 115 ° F	

Recovery: 120' Mud with oil spots

DST #2

Morrow Sand

Interval (4818' – 4875') Anchor Length 57'

IHP	- 2369#	
IFP	- 30" – 2" blow slid to bottom bled off to WSB	76-90 #
ISI	- 30" – No Return	1204 #
FFP	- 30" – No Blow	91-100 #
FSIP	- 30" – No Return	1145 #
FHP	- 2320#	
BHT	- 112 ° F	

Recovery: 125' Mud with oil spots

DST #3

Morrow Sand

Interval (4860' – 4897') Anchor Length 37'

IHP	- 2436#	
IFP	- 45" – BOB 35 min	31-163 #
ISI	- 45" – No Return	1150 #
FFP	- 45" – 9" blow	167-227 #
FSIP	- 45" – No return	1078 #
FHP	- 2421#	
BHT	- 129 ° F	

Recovery: 10' OSM (100% M) 248' MW (50% M, 50% W)
188' MW (20% M, 80% W)

Structural Comparison

Formation	American Warrior, Inc. O'Brate Unit #1-12 Sec. 12, T24s, R30w 159' FSL & 1649' FWL		American Warrior, Inc. Wehkamp #1-15 Sec. 15, T24s, R30w 394' FNL & 652' FWL		Thunderbird Drilling Inc. Krug O #1 Sec. 18, T24s, R30w C SW NW
	Heebner	4069' -1232	-36	4052' -1196	+16
Lansing	4118' -1281	-36	4101' -1245	+14	4110' -1295
Stark	4441' -1604	-36	4424' -1568	+13	4432' -1617
BKC	4570' -1733	-16	4573' -1717	+6	4554' -1739
Marmaton	4591' -1754	-13	4597' -1741	+11	4580' -1765
Pawnee	4672' -1835	-21	4670' -1814	+2	4652' -1837
Fort Scott	4703' -1866	-26	4696' -1840	+1	4682' -1867
Cherokee	4717' -1880	-26	4710' -1854	+3	4698' -1883
Atoka	4815' -1978	-33	4801' -1945	+1	4794' -1979
Morrow	4846' -2009	-26	4839' -1983	-6	4818' -2003
Miss	4897' -2060	-16	4900' -2044	NA	NA

Summary

The location for the O'Brate-Gray #1-9 well was found via 3-D seismic. Three drill stem tests were conducted, which did not recover commercial quantities of oil, however, the O'Brate Unit #1-12 was a great candidate for a potential frac job. So the decision was made to run 5 1/2" production casing to attempt to frac the upper morrow sand formation.

Primary Perforations

4856' – 4862'

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

