

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1220203

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 # _____

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
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

☐ Confidentiality Requested

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
List All E. Logs Run:					

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used </div> <div style="text-align: center;"> Report all strings set-conductor, surface, intermediate, production, etc. </div>							
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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run:			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.			Producing Method:						
			<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil	Bbbs.	Gas	Mcf	Water	Bbbs.	Gas-Oil Ratio	Gravity	

<p>DISPOSITION OF GAS:</p> <p><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease</p> <p><i>(If vented, Submit ACO-18.)</i></p>		<p>METHOD OF COMPLETION:</p> <p><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled</p> <p><i>(Submit ACO-5)</i></p> <p><input type="checkbox"/> Other <i>(Specify)</i> _____</p>	<p>PRODUCTION INTERVAL:</p> <p>_____</p> <p>_____</p>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Tancayo 3-3
Doc ID	1220203

Tops

Name	Top	Datum
Anhy	1862'	+974
B/Anhy	1936	+900
Heebner	3961'	-1125
Lansing	4017	-1181
B/KC	4502'	-1666
Marm	4524'	-1688
Ft.Scott	4628'	-1792
Morrow	4802'	-1966
Mississippian	4820'	-1984

ALLIED OIL & GAS SERVICES, LLC 052587

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Liberal (21)

DATE <u>7-20-14</u>	SEC. <u>3</u>	TWP. <u>25</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00am</u>	JOB FINISH <u>8:00am</u>
LEASE <u>Tencayo</u>	WELL # <u>3-3</u>	LOCATION <u>East of Garden City</u>	COUNTY <u>Finney</u>	STATE <u>KS</u>			
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Duke #5

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1710'

CASING SIZE 8 5/8 DEPTH 1655'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 2000 MINIMUM

MEAS. LINE SHOE JOINT 42'

CEMENT LEFT IN CSG. 2.7 bbl

PERFS.

DISPLACEMENT 102.7 bbl

EQUIPMENT

OWNER

CEMENT

AMOUNT ORDERED 825 sk Class A, 65/35,

6% gel, 2% CC, 1/4 floreal

200 sk Class A, 2% CC, 1/4 floreal

COMMON Class A 2000 17.90 3,580.00

POZMIX @

GEL @

CHLORIDE 29 sk @ 64.00 1,856.00

ASC @

floreal 363 lb @ 2.97 1,078.11

ALWC Type 1 class A 625 sk @ 16.50 10,312.50

@

@

@

@

HANDLING @

MILEAGE

PUMP TRUCK CEMENTER Aldo Espinoza

903-501 HELPER Cesar Ruvia

BULK TRUCK

956-841 DRIVER Ruben Perez

BULK TRUCK

955-528 DRIVER Alexandro Ayala

REMARKS:

335.32/20% TOTAL 16,896.61

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 2,213.75

Light Vehicle 50 mi @ 4.40 220.00

Heavy Vehicle 50 mi @ 7.70 385.00

MANIFOLD 1 @ 275.00 275.00

Handling 947.01 FT³ @ 2.48 2,348.59

Drayage 1975 T-m @ 2.60 5,135.00

2115.47/20% TOTAL 10,577.34

PLUG & FLOAT EQUIPMENT

Guide shoe 1 @ 460.98 460.98

AFV Float Valve 1 @ 446.94 446.94

Cement Basket 1 @ 559.26 559.26

Centralizers 3 @ 74.88 224.64

Top Rubber Plug 1 @ 131.04 131.04

364.57/20% TOTAL 1,822.86

SALES TAX (If Any)

TOTAL CHARGES 29,226.81

DISCOUNT 5845.36/20% IF PAID IN 30 DAYS

NET: 23,381.45

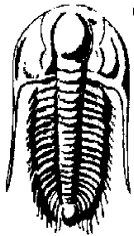
To: Allied Oil & Gas Services, LLC.

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 Kenneth McGuire

SIGNATURE Kenneth McGuire

CEMENTING LOG



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

3-25s-31w Finney co.

3118 Cummings RD
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

Tancayo #3-3

Job Ticket: 59581

DST#: 1

Test Start: 2014.07.26 @ 04:37:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:37:15

Time Test Ended: 10:24:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Samuel Esparza

Unit No: 72

Interval: 4778.00 ft (KB) To 4830.00 ft (KB) (TVD)

Total Depth: 4830.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2836.00 ft (KB)

2825.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8845 Inside

Press @ Run Depth: 15.93 psig @ 4779.00 ft (KB)

Start Date: 2014.07.26

End Date:

2014.07.26

Start Time: 04:37:05

End Time:

10:24:14

Capacity: 8000.00 psig

Last Calib.: 2014.07.26

Time On Btm: 2014.07.26 @ 06:37:00

Time Off Btm: 2014.07.26 @ 07:51:00

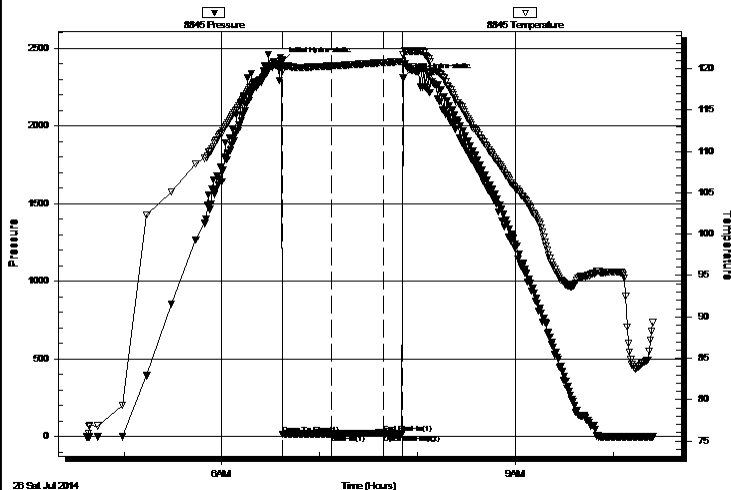
TEST COMMENT: IF: Weak Surface Blow died @ 8 min.

IS: No Return.

FF: No Blow.

FS: Pulled

Pressure vs. Time



PRESSURE SUMMARY

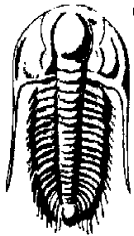
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2416.09	121.05	Initial Hydro-static
1	14.55	119.71	Open To Flow (1)
30	15.93	120.34	Shut-In(1)
62	22.67	120.75	End Shut-In(1)
62	16.73	120.75	Open To Flow (2)
74	15.60	120.89	Shut-In(2)
74	2309.28	121.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

3-25s-31w Finney co.

3118 Cummings RD
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

Tancayo #3-3

Job Ticket: 59581

DST#: 1

Test Start: 2014.07.26 @ 04:37:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 8.79 in³

Resistivity: 0.00 ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

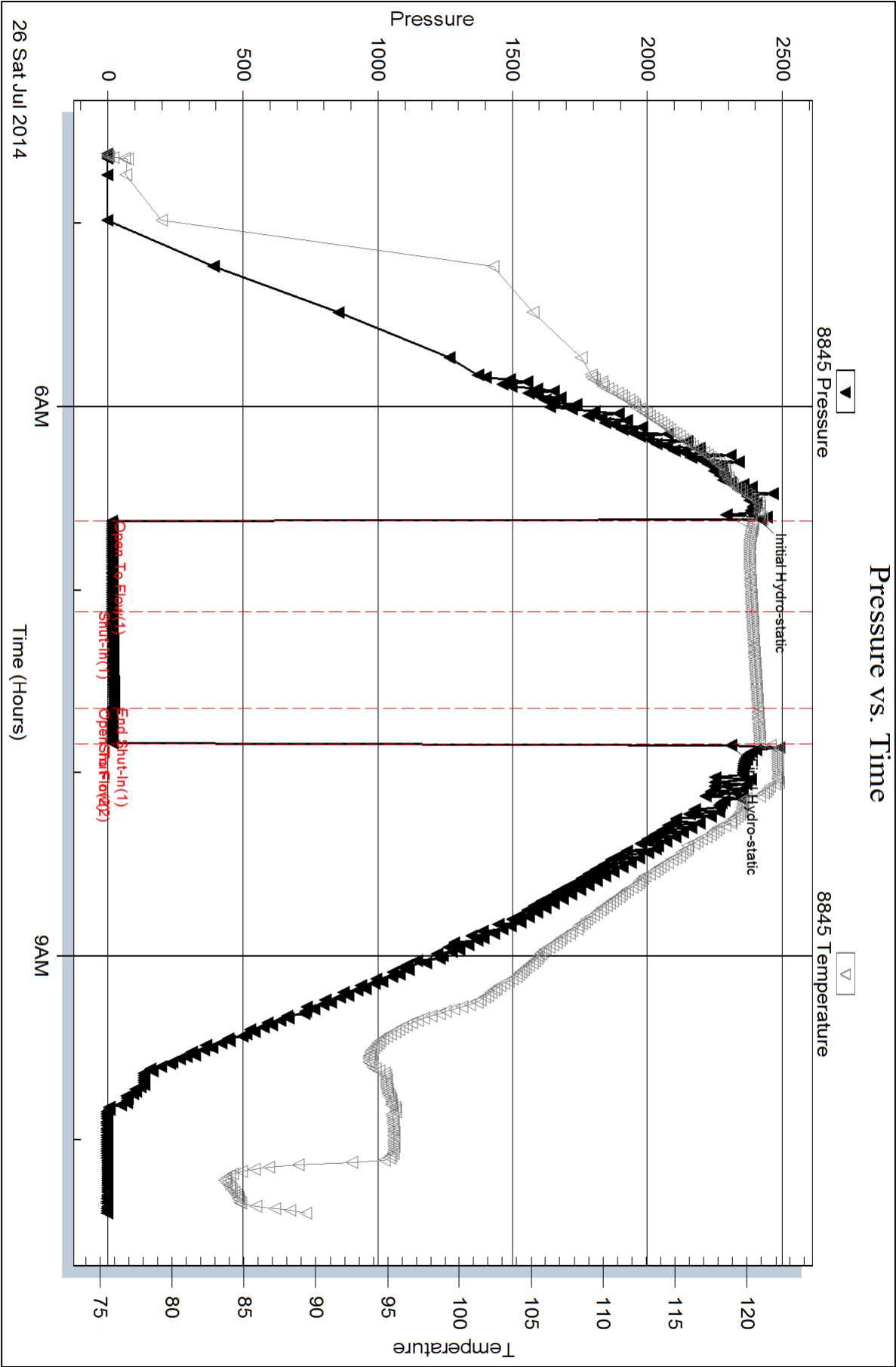
Serial #: 8845

Inside

American Warrior, Inc.

Tancayo #3-3

DST Test Number: 1



Geological Report

American Warrior, Inc.

Tancayo #3-3

943' FSL & 2286' FEL

Sec. 3, T25s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Tancayo #3-3 943' FSL & 2286' FEL Sec. 3, T25s, R31w Finney County, Kansas API # 15-055-22322-00-00
Drilling Contractor:	Duke Drilling Co. Rig #5
Geologist:	Kevin Timson
Spud Date:	July 18, 2014
Completion Date:	July 28, 2014
Elevation	2825' G.L. 2836' K.B.
Directions:	From Garden City Airport. Go SE on Hwy 50 1.3 miles to gated lease road and ingress West, follow least road to next fence line and head South into location.
Casing:	1655' 8 5/8" #24 Surface Casing
Samples:	4400' to RTD 10' Wet & Dry
Drilling Time:	3900' to RTD
Electric Logs:	Pioneer Energy Services "D. Kerr" Stacked-Micro
Drillstem Tests:	Two-Trilobite Testing "Sam Esparza"
Problems:	None

Formation Tops

Tancayo #3-3

Sec. 3, T25s, R31w

943' FSL & 2286' FEL

Anhydrite	1862' +974
Base	1936' +900
Heebner	3961' -1125
Lansing	4017' -1181
Stark	4375' -1539
Bkc	4502' -1666
Marmaton	4524' -1688
Pawnee	4605' -1769
Fort Scott	4628' -1792
Cherokee	4642' -1806
Morrow	4802' -1966
Miss	4820' -1984
RTD	5000' -2164
LTD	5004' -2168

Sample Zone Descriptions

St. Louis **(4820', -1966):** **Covered in DST #2**

Ls. Tan. Sub crystalline. Fair oomoldic and oolycastic porosity. Poor stain.
No saturation. No odor. No show of free oil.

Drill Stem Tests

Trilobite Testing

“Sam Esparza”

DST #1

Morrow

Interval (4778' – 4830') Anchor Length 52'

IHP - 2416 #

IFP - 30" – WSB died in 8 min 15-16 #

ISI - 30" – No return 23 #

FFP - 10" – No blow 17-16 #

FSIP - Pull Tool NA

FHP - 2309 #

BHT - 121° F

Recovery: 5' Mud

DST #2

St. Louis

Interval (4854' – 4895') Anchor Length 41'

IHP - 2475 #

IFP - 30" – WSB built to 1" 17-49 #

ISI - 30" – No return 1238 #

FFP - 30" – No blow 55-75 #

FSIP - 30" – No return 1204 #

FHP - 2324 #

BHT - 122° F

Recovery: 65' WCM (25% Water)

Structural Comparison

	American Warrior, Inc. Tancayo #3-3 Sec. 3, T25s, R31w 943' FSL & 2286' FEL		American Warrior, Inc. Tancayo #1-3 Sec. 3, T25s, R31w 1959' FSL & 2084' FEL		American Warrior, Inc. Tancayo #2-3 Sec 3, T25s, R31w 2274' FSL & 2258' FWL
Formation					
Heebner	3961' -1125	+3	3976' -1128	+2	4000' -1127
Lansing	4017' -1181	+1	4030' -1182	+5	4059' -1186
Stark	4375' -1539	+2	4389' -1541	FL	4412' -1539
BKC	4502' -1666	+2	4516' -1668	-3	4536' -1663
Marmaton	4524' -1688	+6	4542' -1694	-5	4556' -1683
Pawnee	4605' -1769	-2	4615' -1767	-3	4639' -1766
Fort Scott	4628' -1792	-1	4639' -1791	-2	4663' -1790
Cherokee	4642' -1806	+2	4656' -1808	FL	4679' -1806
Morrow	4802' -1966	+4	4818' -1970	+3	4842' -1969
Miss	4820' -1984	+4	4836' -1988	+3	4860' -1987

Summary

The location for the Tancayo #3-3 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, none of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Tancayo #3-3 well.

Respectfully Submitted,

Kevin Timson

American Warrior, Inc.