



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: _____



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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Irsik-Gray 1-10
Doc ID	1105385

Tops

Name	Top	Datum
Heebner	4045'	-1189
Lansing	4097	-1241
Stark	4420'	-1564
B/KC	4559'	-1703
Marmaton	4585'	-1729
Ft.Scott	4683'	-1827
Atoka	4784'	-1928
Morrow	4821'	-1965
Mississippian	4837'	-1981

Geological Report

American Warrior, Inc.

Irsik-Gray #1-10

709' FSL & 398' FWL

Sec. 10, T24s, R30w

Gray County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Irsik-Gray #1-10
709' FSL & 398' FWL
Sec. 10, T24s, R30w
Gray County, Kansas
API # 15-069-20412-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: November 13, 2012

Completion Date: November 22, 2012

Elevation 2843' Ground Level
2856' 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 ¼ mile North on 4 Rd and East into location.

Casing: #24 8 5/8" surface casing set @ 434' with 300 sacks Class A, 3% c.c, 2% gel.

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

Drilling Time: 4000' to RTD

Electric Logs: Pioneer "D. Schmidt" Dual Compensated Porosity, Dual Induction, Microresistivity.

Drillstem Tests: One Trilobite Testing "Sam Esparza"

Remarks: None

Formation Tops

Formation

Heebner	4045' -1189
Lansing	4097' -1241
Stark	4420' -1564
BKc	4559' -1703
Marmaton	4585' -1729
Pawnee	4658' -1802
Fort Scott	4683' -1827
Cherokee	4697' -1841
Atoka	4784' -1928
Morrow	4821' -1965
Miss.	4837' -1981
RTD	5000' -2144

American Warrior, Inc.

Irsik-Gray #1-10

Sec. 10, T24s, R30w

709' FSL & 398' FWL

Sample Zone Descriptions

Pawnee Limestone (4658', -1802): Not Tested

Limestone tan. Sub to fine crystalline. Poor to fair oomoldic porosity and poor to fair oolycastic porosity. Barren.
Δ-off white/brown.

Morrow Sandstone (4821', -1965): Covered in DST #1

Sandstone gray. Very fine to fine grain. Poor intercrystalline porosity. Fair to good stain. Fair saturation. Show of free oil. Slight to fair odor. 30 unit hotwire. Small section of clean sand followed by dirty larger section.

Drill Stem Tests
 Trilobite Testing Inc.
 "Sam Esparza"

DST #1

Morrow Sand

Interval (4782' – 4838') Anchor Length 56'

IHP	- 2332 #	
IFP	- 45" – 4 inch blow	19-34 #
ISI	- 45" – No Return	152 #
FFP	- 45" – 8 ¾ inch blow	29-43 #
FSIP	- 45" – No Return	148 #
FHP	- 2316 #	
BHT	- Not Recorded	

Recovery: 65' GOCM (5% Gas, 15% Oil, 80% Mud)
 190' GIP

Structural Comparison

Formation	American Warrior, Inc. Irsik-Gray #1-10 Sec. 10, T24s, R30w 709' FSL & 398' FWL		American Warrior, Inc. Wehkamp #1-15 Sec. 15, T24s, R30w 394' FNL & 652' FWL		American Warrior, Inc. O'Brate-Gray #1-9 Sec. 9, T24s, R30w 449' FSL & 335' FEL			
	Top	Bottom	Top	Bottom	Top	Bottom		
Heebner	4045'	-1189	+7	4052'	-1196	+6	4051'	-1195
Lansing	4097'	-1241	+4	4101'	-1245	+11	4108'	-1252
Stark	4420'	-1564	+4	4424'	-1568	+8	4428'	-1572
BKC	4559'	-1703	+14	4573'	-1717	+9	4568'	-1712
Marmaton	4585'	-1729	+12	4597'	-1741	+10	4595'	-1739
Pawnee	4658'	-1802	+12	4670'	-1814	+7	4665'	-1809
Fort Scott	4683'	-1827	+13	4696'	-1840	+8	4691'	-1835
Cherokee	4697'	-1841	+14	4710'	-1854	+8	4705'	-1849
Atoka	4784'	-1928	+17	4801'	-1945	+13	4797'	-1941
Morrow	4821'	-1965	+18	4839'	-1983	+15	4836'	-1980
Miss	4848'	-1992	+52	4900'	-2044	+11	4859'	-2003

Summary

The location for the Irsik-Gray 31-10 well was found via geo chemistry survey. One drill stem test was conducted, which was negative. After all the gathered data had been examined the decision was made to plug and abandon the Irsik-Gray #1-10 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc.
PO box 399
Garden city, KS 67846
ATTN: Kevin Timson

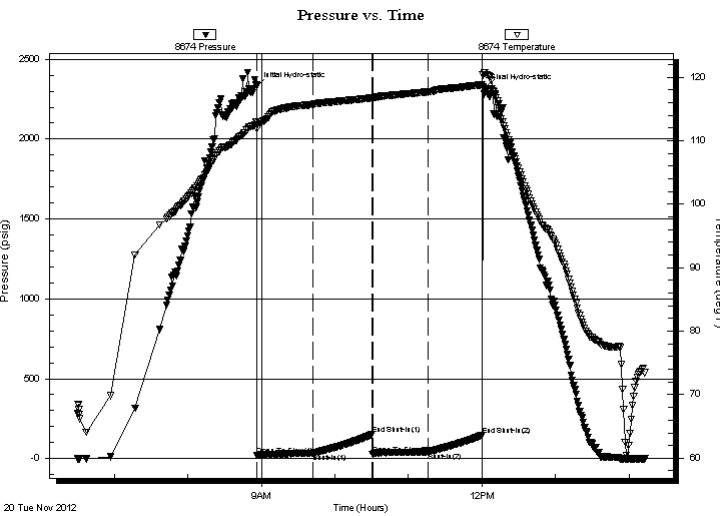
10-24s-30w Gray Co.
Irsik- Gray #1-10
Job Ticket: 51253 **DST#: 1**
Test Start: 2012.11.20 @ 06:30:00

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 08:56:30 Tester: Sam Esparza
Time Test Ended: 14:13:00 Unit No: 58
Interval: 4782.00 ft (KB) To 4838.00 ft (KB) (TVD) Reference Elevations: 2856.00 ft (KB)
Total Depth: 4838.00 ft (KB) (TVD) 2843.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 8674 Inside
Press @ Run Depth: 42.58 psig @ 4783.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.20 End Date: 2012.11.20 Last Calib.: 2012.11.20
Start Time: 06:30:05 End Time: 14:12:59 Time On Btm: 2012.11.20 @ 08:56:15
Time Off Btm: 2012.11.20 @ 12:02:00

TEST COMMENT: IF: 4" blow.
IS: No return.
FF: 8 3/4" blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2332.07	113.06	Initial Hydro-static
1	19.32	111.88	Open To Flow (1)
46	34.02	115.75	Shut-In(1)
94	151.54	116.79	End Shut-In(1)
95	28.51	116.79	Open To Flow (2)
140	42.58	117.71	Shut-In(2)
184	147.57	118.83	End Shut-In(2)
186	2316.30	120.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	GOCM 5g 15o 80m	0.32
0.00	190' 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.

10-24s-30w Gray Co.

PO box 399
Garden city, KS 67846

Irsik- Gray #1-10

Job Ticket: 51253

DST#: 1

ATTN: Kevin Timson

Test Start: 2012.11.20 @ 06:30:00

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	GOCM 5g 15o 80m	0.320
0.00	190' GIP	0.000

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

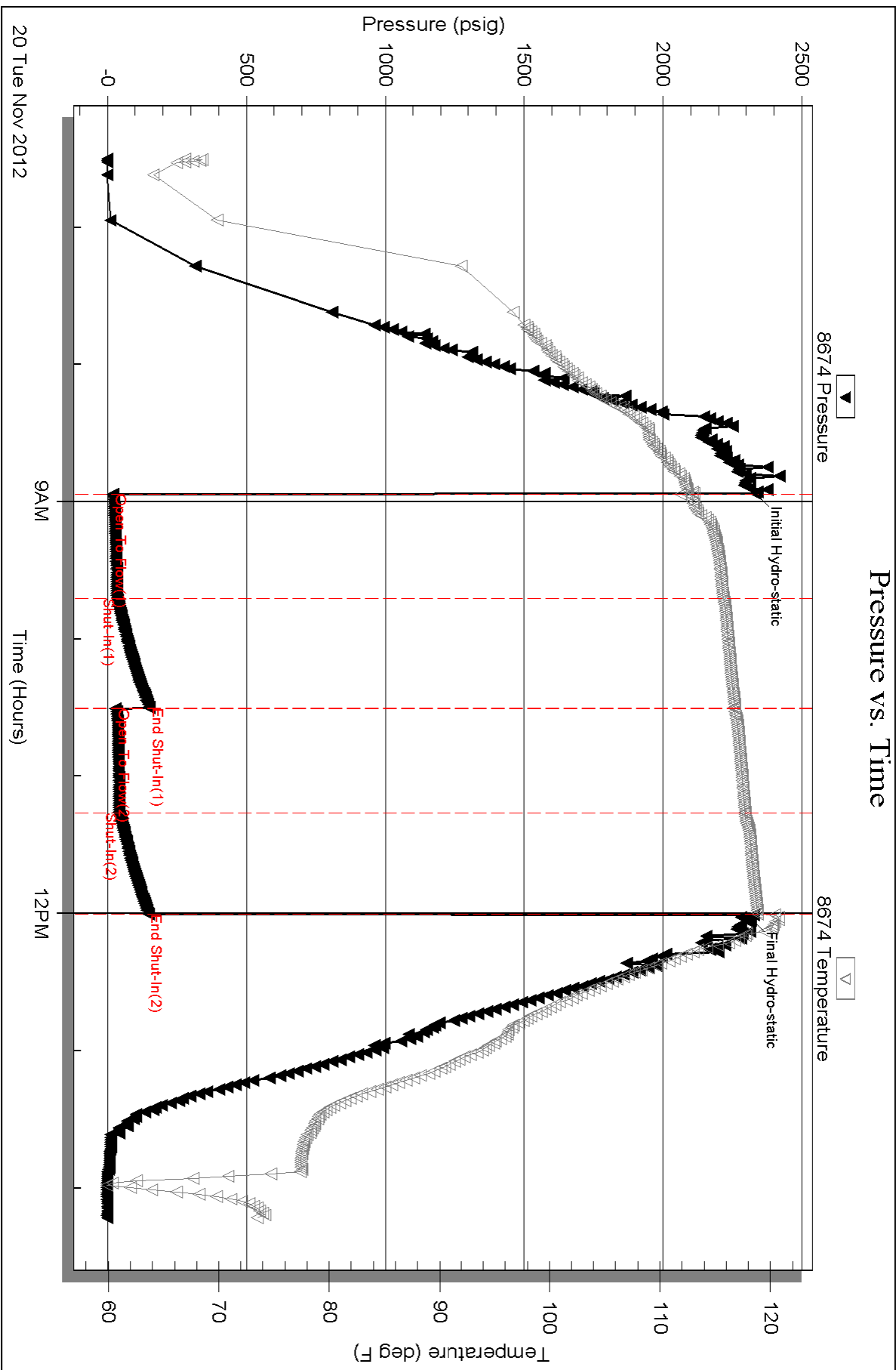
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Inside

American Warrior Inc.

Isik-Gray #1-10

DST Test Number: 1



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BKc

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Pawnee

Fort Scott

Cherokee

Atoka

Morrow

Miss.

RTD

American Warrior, Inc.

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