



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1242861  
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 # \_\_\_\_\_

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
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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: \_\_\_\_\_



1242861

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

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

**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 <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  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
<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 <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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Gordon 1-29
Doc ID	1242861

All Electric Logs Run

Induction
Porosity
Micro
Sonic

# ALLIED OIL & GAS SERVICES, LLC 055063

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>1-15-15</u>	SEC <u>29</u>	TWP <u>11</u>	RANGE <u>19</u>	CALLED OUT <u>10:30 AM</u>	ON LOCATION <u>1:00</u>	JOB START <u>1:30</u>	JOB FINISH <u>5:00</u>
LEASE <u>border</u>	WELL # <u>1-29</u>	LOCATION <u>Uxando - North to Buckeye Rd</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)			<u>2w-3N-TO Green T.B. - East Into</u>				

CONTRACTOR Stinson 2  
 TYPE OF JOB PTA  
 HOLE SIZE 7 7/8 TD.  
 CASING SIZE DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 0  
 PERFS.  
 DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 305 sks 60/40 4% Yacell

EQUIPMENT  
 PUMP TRUCK CEMENTER Steve Orlando  
447 HELPER Tracy Jordan  
 TANK TRUCK DRIVER Jon Price  
 TANK TRUCK DRIVER Toriano Allen (63)

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>60/40 4%</u>	@	<u>305</u>	<u>1892 5770.60</u>
<u>cellulose</u>	@	<u>77</u>	<u>297 228.69</u>
<u>Material</u>	@		<u>5999.29</u>
<u>Disc</u>	@		<u>1679.80</u>
HANDLING	@	<u>305 sks @ 248</u>	<u>75640</u>
MILEAGE	@	<u>263 fm @ 275</u>	<u>72325</u>
TOTAL			

REMARKS:

Plugging Order #99996  
50 sks @ 3665  
50 sks @ 1480  
100 sks @ 765  
50 sks @ 270  
10 sks @ 40  
30 sks + 15 sks @ Kit/mH

SERVICE

DEPTH OF JOB	<u>3001-4000</u>	<u>2558.75</u>
PUMP TRUCK CHARGE		
EXTRA FOOTAGE	@	
MILEAGE	<u>20</u>	@ <u>4.40 88.00</u>
MANIFOLD	@	
<u>Heavy Mileage 40</u>	@	<u>7.70 308.00</u>

CHARGE TO: American Warriors  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Disc 1841.63 TOTAL 4434.40

PLUG & FLOAT EQUIPMENT

<u>1 2 5/8 Wood plugs</u>	@	<u>110.00</u>	<u>110.00</u>
	@		
	@		
	@		

Disc. 30.80 TOTAL 110.00

Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment  
 I 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.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 10543.69  
 DISCOUNT 2952.23 (28%) PAID IN 30 DAYS  
 net 7591.46

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]

# ALLIED OIL & GAS SERVICES, LLC 055598

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

DATE <u>1-8-15</u>	SEC. <u>29</u>	TWP. <u>11</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>830PM</u>	JOB FINISH <u>900PM</u>
LEASE <u>Gordon</u>	WELL # <u>1-29</u>	LOCATION <u>Yocemento Nto Buckeye Rd</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2 1/2 3/4 to 30 yards Soft Green</u>					

CONTRACTOR Discovery 2 OWNER  
 TYPE OF JOB surf sec  
 HOLE SIZE 12 1/4 T.D. 218  
 CASING SIZE 8 7/8 23# DEPTH 217  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 20  
 CEMENT LEFT IN CSG. 20  
 PERFS.  
 DISPLACEMENT 12.55

CEMENT  
 AMOUNT ORDERED 150 can 37cc 27gel

COMMON 150 @ 17.90 2685.00  
 POZMIX @  
 GEL 282 @ 0.50 141.00  
 CHLORIDE 423 @ 1.10 465.30  
 ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y  
 # 409 HELPER Tracy J  
 BULK TRUCK  
 # 985 DRIVER Steve S  
 BULK TRUCK  
 # DRIVER

Material @ 3291.30  
Disc @ 822.82

HANDLING 150 @ 2.48 372.00  
 MILEAGE 141 +/m 2.75 387.75  
 TOTAL 4651.05

REMARKS:

see log

SERVICE

DEPTH OF JOB 218  
 PUMP TRUCK CHARGE 1512.25  
 EXTRA FOOTAGE @  
 MILEAGE 20 LVMT @ 4.40 88.00  
 MANIFOLD @  
40 HVMT @ 7.70 308.00  
 @

Thank you!!!

CHARGE TO: American Warrior, Inc  
 STREET  
 CITY STATE ZIP

Disc 667.00 TOTAL 1909.25

PLUG & FLOAT EQUIPMENT

@  
 @  
 @  
 @  
 @

TOTAL

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.

SALES TAX (If Any)  
 TOTAL CHARGES 5959.30  
 DISCOUNT 1489.82 25% IF PAID IN 30 DAYS  
net 4469.48

PRINTED NAME  
 SIGNATURE



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Warrior INC  
3118 Cummings Rd.  
PO Box 399  
Graden City KS 67846  
ATTN: Jason Alm

**29-11s-19-w Ellis Co.**

**Gordon #1-29**

Job Ticket: 61630

**DST#: 1**

Test Start: 2015.01.12 @ 18:30:12

## GENERAL INFORMATION:

Formation: **LKC "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:32:42

Time Test Ended: 00:35:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 77

**Interval: 3391.00 ft (KB) To 3445.00 ft (KB) (TVD)**

Reference Elevations: 2123.00 ft (KB)

Total Depth: 3445.00 ft (KB) (TVD)

2115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8898 Outside**

Press @ Run Depth: 37.68 psig @ 3394.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.12

End Date: 2015.01.13

Last Calib.: 2015.01.13

Start Time: 18:30:13

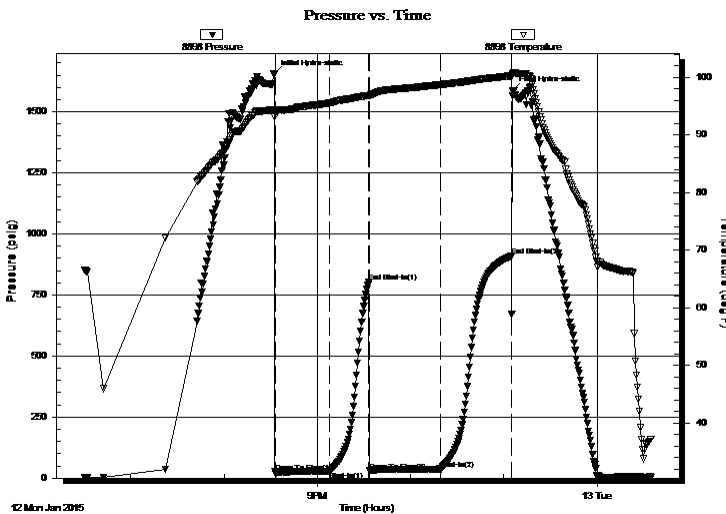
End Time: 00:35:02

Time On Btm: 2015.01.12 @ 20:32:32

Time Off Btm: 2015.01.12 @ 23:05:42

**TEST COMMENT:** 30-Fair blow built to 4 in  
30-Dead no blow back  
45-Strong blow built to 8 in  
45-Dead no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1654.04	94.35	Initial Hydro-static
1	25.41	93.16	Open To Flow (1)
36	28.10	95.50	Shut-In(1)
61	801.88	96.81	End Shut-In(1)
62	30.04	96.73	Open To Flow (2)
107	37.68	98.68	Shut-In(2)
153	908.11	100.22	End Shut-In(2)
154	1585.91	100.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
31.00	SMCO 5%M 95%O	0.23
31.00	MCO 50%M 50%O	0.23

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior INC  
3118 Cummings Rd.  
PO Box 399  
Graden City KS 67846  
ATTN: Jason Alm

**29-11s-19-w Ellis Co.**  
**Gordon #1-29**  
Job Ticket: 61630      **DST#: 1**  
Test Start: 2015.01.12 @ 18:30:12

## Mud and Cushion Information

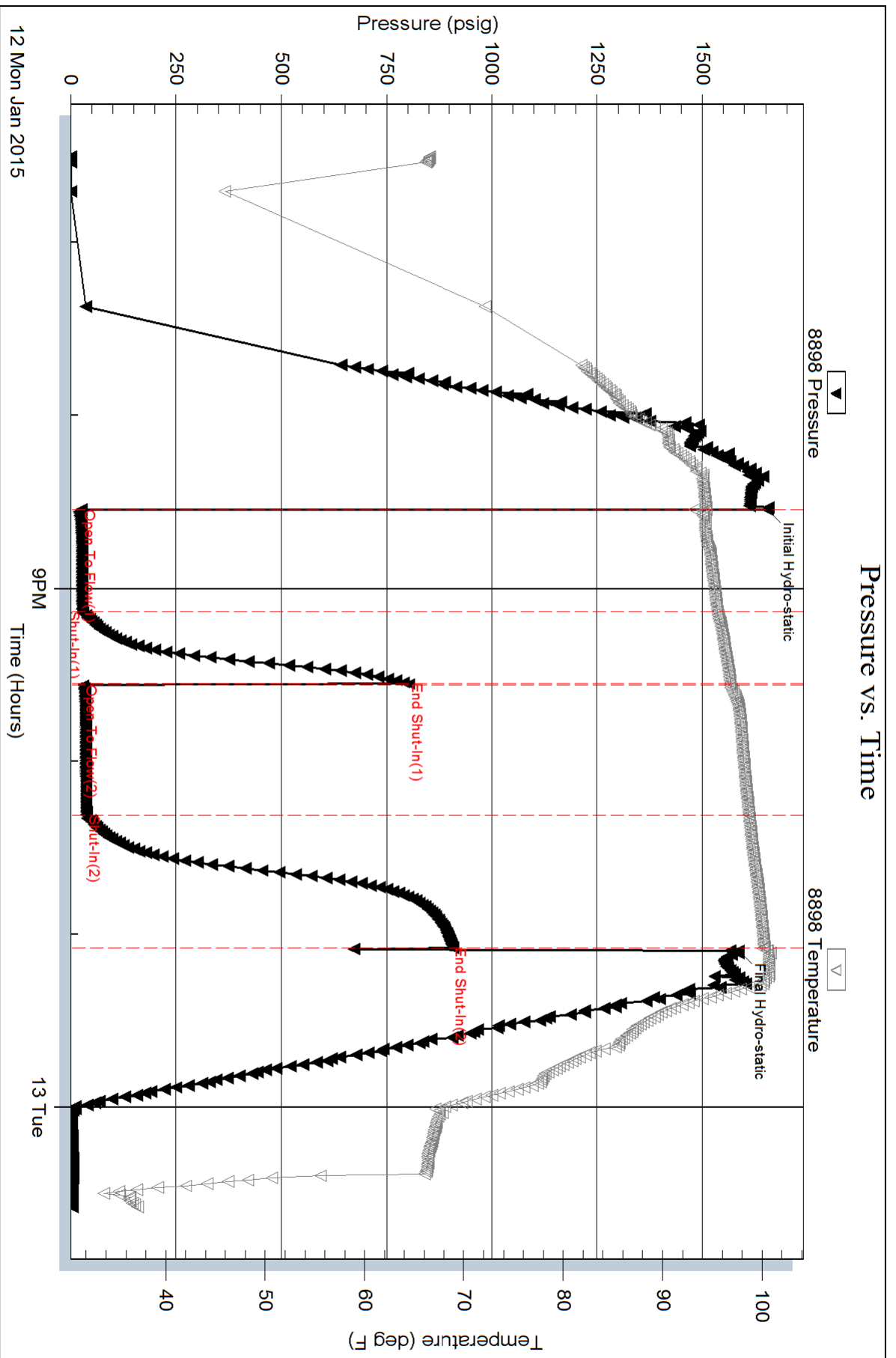
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	SMCO 5%M 95%O	0.228
31.00	MCO 50%M 50%O	0.228

Total Length: 62.00 ft      Total Volume: 0.456 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





# **Geological Report**

American Warrior, Inc.

**Gordon #1-29**

1850' FNL & 2290' FEL

Sec. 29 T11s R19w

Ellis County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Gordon #1-29  
1850' FNL & 2290' FEL  
Sec. 29 T11s R19w  
Ellis County, Kansas  
API # 15-051-26770-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #2

Geologist: Jason T Alm

Spud Date: January 8, 2015

Completion Date: January 15, 2015

Elevation: 2115' Ground Level  
2123' Kelly Bushing

Directions: Yocemento Exit on I-70, North 8 mi. to Homestead Rd. West 2 mi. to 170 Ave. North 1 ½ mi. to cattle guard. East through cattle guard ½ mi. to cattle guard. East through cattle guard and North into location.

Casing: 218' 8 5/8" surface casing

Samples: 10' wet and dry, 3100' to RTD

Drilling Time: 3000' to RTD

Electric Logs: Pioneer Energy Services "Jared Long"  
CNL/CDL, DIL, MEL, BHCS

Drillstem Tests: Four, Trilobite Testing, Inc. "Tate Lang"

Problems: None

Remarks: Bottom joint of surface pipe fell approximately 40 feet downhole. Bit never hit pipe while tripping in or out of the hole.

## Formation Tops

American Warrior, Inc.	
Gordon #1-29	
Sec. 29 T11s R19w	
1850' FNL & 2290' FEL	
<b>Formation</b>	
Anhydrite	<b>1455', +668</b>
Base	<b>1502', +621</b>
Topeka	<b>3120', -997</b>
Heebner	<b>3342', -1219</b>
Toronto	<b>3364', -1241</b>
Lansing	<b>3382', -1259</b>
BKc	<b>3604', -1481</b>
Arbuckle	<b>3688', -1565</b>
LTD	<b>3782', -1659</b>
RTD	<b>3780', -1657</b>

## Significant Sample Zone Descriptions

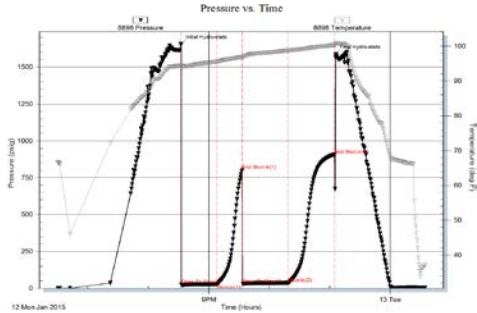
- LKc “C” zone (3415’, -1292) Covered in DST #1**  
 Ls – Fine crystalline, oolitic with poor oolitic porosity, light to fair oil stain and saturation, slight show of free oil when broken, no odor, dull yellow fluorescents.
- LKc “D” zone (3432’, -1309) Covered in DST #1**  
 Ls – Fine crystalline, oolitic with poor to fair oolitic porosity, fair to good oil stain in porosity, very light spotted saturation, fair show of free oil, light odor, dull to fair yellow fluorescents, some large oolites.
- LKc “J” zone (3550’, -1427) Covered in DST #2**  
 Ls – Fine crystalline, oolitic with poor to scattered fair oolitic and oomoldic porosity, light to fair oil stain and saturation in porosity, slight show of free oil when broken, light odor.
- Arbuckle (3688’, -1565): Covered in DST #3,4**  
 Dolo – Fine to medium rhombic crystalline with poor to fair inter-crystalline and vuggy porosity, few large vug cavities, good heavy oil stain, heavy saturation, good show of free oil, fair odor, dull yellow fluorescents.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Tate Lang"

**DST #1 Lansing-Kansas City "C thru D" zones**

Interval (3391' – 3445') Anchor Length 54'

IHP	- 1654 #	25-28 #
IFP	- 30" – Built to 4 in.	801 #
ISI	- 30" – Dead	30-38 #
FFP	- 45" – Built to 8 in.	908 #
FSI	- 45" – Dead	
FHP	- 1586 #	
BHT	- 100°F	

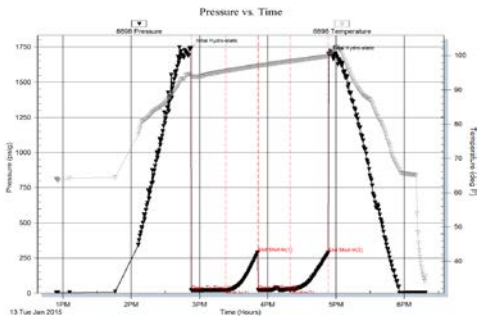


Recovery: 31' SMCO 95% Oil  
31' MCO 50% Oil

**DST #2 Lansing-Kansas City "H thru J" zones**

Interval (3493' – 3565') Anchor Length 72'

IHP	- 1743 #	20-22 #
IFP	- 30" – Built to 1 3/4 in.	290 #
ISI	- 30" – Dead	22-24 #
FFP	- 30" – W.S.B.	287 #
FSI	- 30" – Dead	
FHP	- 1691 #	
BHT	- 100°F	

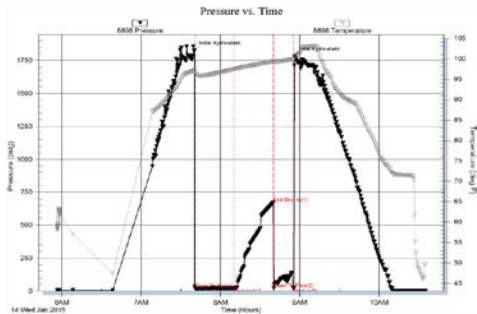


Recovery: 10' Mud w/ oil spots

**DST #3 Arbuckle**

Interval (3626' – 3697') Anchor Length 71'

IHP	- 1825 #	20-23 #
IFP	- 30" – Built to 1 1/4 in.	671 #
ISI	- 30" – Dead	23-23 #
FFP	- 15" – Dead	
FHP	- 1780 #	
BHT	- 100°F	

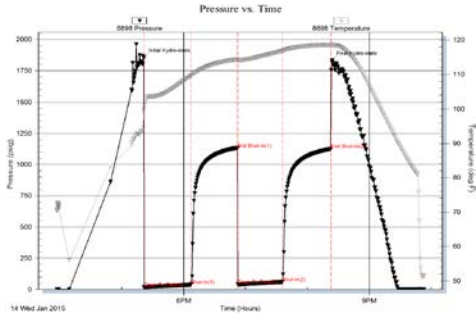


Recovery: 20' Mud w/ oil spots

**DST #4 Arbuckle**

Interval (3695' – 3705') Anchor Length 10'

- IHP – 1853 #
- IFP – 45” – Built to 4 ½ in. 15-38 #
- ISI – 45” – Dead 1130 #
- FFP – 45” – Built to 3 in. 40-59 #
- FSI – 45” – Dead 1126 #
- FHP – 1831 #
- BHT – 118°F



Recovery: 30' MCW 80% Water  
 60' SMCW 95% Water

**Structural Comparison**

	American Warrior, Inc. Gordon #1-29 Sec. 29 T11s R19w 1850' FNL & 2290' FEL	IA Operating, Inc. Irene #29-1 Sec. 29 T11s R19w 680' FNL & 2550' FWL		Don Pratt Dale Solomon C #3-29 Sec. 29 T11s R19w 2310' FSL & 2310' FWL	
<b>Formation</b>					
Anhydrite	1455', +668	1449', +656	(+14)	NA	NA
Base	1502', +621	1490', +615	(+6)	NA	NA
Topeka	3120', -997	3107', -1002	(+5)	3140', -1015	(+18)
Heebner	3342', -1219	3328', -1223	(+4)	3364', -1239	(+20)
Toronto	3364', -1241	NA	NA	3382', -1257	(+16)
Lansing	3382', -1259	3367', -1262	(+3)	3404', -1279	(+20)
BKc	3604', -1481	NA	NA	3628', -1503	(+22)
Arbuckle	3688', -1565	3674', -1569	(+4)	Not Reached	NR

**Summary**

The location for the Gordon #1-29 was found via 3-D seismic survey. The new well ran structurally as expected on all datums except for the Arbuckle. Four Drill Stem Tests were conducted none of which recovered commercial amounts of fluid. After all gathered data had been examined the decision was made to plug and abandon the Gordon #1-29 well.

Respectfully Submitted,

Jason T Alm  
 Hard Rock Consulting, Inc.