



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1176141
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: _____

1176141

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
--	---

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: <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 <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Felder 2-13
Doc ID	1176141

Tops

Name	Top	Datum
Anhydrite	1440	795
Heebner	3761	-1526
Lansing	3811	-1576
Base Kansas City	4155	-1920
Pawnee	4284	-2049
Fort Scott	4312	-2077
Cherokee	4330	-2095
Mississippian	4384	-2149
TD	4397	-2162

ALLIED OIL & GAS SERVICES, LLC 060586

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Great Bend

DATE <u>7-19-13</u>	SEC. <u>13</u>	TWP. <u>20</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>12 Am</u>	JOB FINISH <u>12:30 AM</u>
LEASE <u>Felder</u>	WELL # <u>2-13</u>		LOCATION <u>Eastazine to MH rd</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>S to 30 rd 1 1/2 E Ninto</u>				

CONTRACTOR Petromark Drilling #1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/2 T.D. _____
 CASING SIZE 8 5/8 DEPTH 222.39
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15 FT
 PERFS. _____
 DISPLACEMENT 13.21 Freshwater

OWNER _____
 CEMENT AMOUNT ORDERED 150 SKS CLASS A 3 1/2" 2 1/2 gel

EQUIPMENT
 PUMP TRUCK # 398 CEMENTER Josh Isaac
 HELPER Mike Southern
 BULK TRUCK # 344 DRIVER Kelvin W.
 BULK TRUCK # _____ DRIVER _____

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____
 TOTAL _____

REMARKS:
On location - Rig up - had soft cementing
Run 8 5/8 casing
Break circulation with rig mud
pump 5 bbls ahead
mix 150 SKS CLASS A 3 1/2" 2 1/2 gel
Displace 13.21 bbls Fresh water
Shut in
Cement did circulate
Rig down 12:30 am

CHARGE TO: American Warrior
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

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 _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME X Chris Steurman
 SIGNATURE [Signature]

Date 3-1-13 District Great Bend Ticket No. 60586
 Company Amco Commercial Rig Peterson #1
 Lease Felder Well No. 2-13
 County Ness State Ks

Location East of Basin to Hhd Field 13-20-21
S to 30rd, 1/2 E N140

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type New Weight 23 Collar Ball

Casing Depths: Top _____ Bottom 222.39

Drill Pipe: Size 4 1/2 Weight 16.6 Collars X hole
 Open Hole: Size 12 1/2 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0632 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Freshwater
 Amt. 150 Sks Yield 1.34 ft³/sk Density 15.2 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

TAIL: Pump Time Thicken time hrs. Type Class A 3%acc
290 gal Excess _____

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used 398 - Mike Southern
 Bulk Equip. 244 - Kevin W.

Float Equip: Manufacturer Little Depth 225
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Freshwater Amt. 13.21 Bbls. Weight 8.34 PPG
 Mud Type Native Weight _____ PPG

COMPANY REPRESENTATIVE _____ CEMENTER Josh Isaac = 13.21

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						On location Rig up had safety meeting
						Run 8 5/8 casing
						Break circulation with rig mud
						Flock up cement pump
						pump 5 bbls ahead
				40.79	35.79	mix 150 sks class A 3% 2%
				54	13.21	Displace 13.21 bbls fresh water and shut in
						Cement did circulate
						Rig down 12:30 AM



CHARGE TO: American Warrior
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET
 No: **24620**

PAGE 1 OF 2

WELL/PROJECT NO. 2-13 LEASE Felder COUNTY/PARISH Assn STATE KS CITY Bazine DATE 26 Jul 13 OWNER _____
 TICKET TYPE SERVICE SALES CONTRACTOR _____ RIG NAME/NO. _____ ORDER NO. _____
 WELL TYPE oil WELL CATEGORY Development JOB PURPOSE Constr long string DELIVERED TO Location WELL PERMIT NO. _____
 INVOICE INSTRUCTIONS _____ WELL LOCATION 13-20-21

PRICE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UN.	QTY.	UN.	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
675					MILEAGE	30 mi				6.00	180.00
878					Pump Charge	1.00				1500.00	1500.00
402					Constr Lize	5 1/2 in		5/10		2100.00	3500.00
403					Constr Basket	5 1/2 in		2 ea		285.00	570.00
404					Hot Collar	5 1/2 in		1 ea		2650.00	2650.00
406					Latch down Plug B/F/E	5 1/2 in		1 ea		275.00	275.00
407					Inset float shoe / AUTO FILE	5 1/2 in		1 ea		375.00	375.00
408					Rotating head shoe	5 1/2 in		1 ea		2000.00	2000.00

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.

DATE ISSUED _____ TIME SIGNED _____
 APPROVED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

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
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?				5920.00
				5862.63
				11826.63
TOTAL				

APPROVAL: _____
 Thank You!



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

TICKET CONTINUATION

TICKET No. 24580

CUSTOMER American Warrior WELL Folders 2-13 DATE 26 Jul 13 PAGE 2 OF 2

325	STANDARD COMBUST (FOR 4-2)	175 SK	14.00	2450.00
284	Calsoal	800 lb	35.00	280.00
283	SADT	900 lb	0.20	180.00
292	halad - 322	125 lb	7.75	968.75
276	Floerlor	500 lb	2.00	1000.00
281	Mud Flush	500 gal	1.05	625.00
221	Kick Liquid	2 gal	25.00	50.00
290	D-Air	2 gal	42.00	84.00

581	1	SERVICE CHARGE	175	2.00	350.00
583	1	TOTAL WEIGHT 18308	30	1.00	279.00
		LONGER MILES			
		NON MILES			
		NET MILES			
					5360.00

JOB LOG

SWIFT Services, Inc.

DATE 26 Jul 13 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 2-13 LEASE Felder JOB TYPE Cement longstring TICKET NO. 24520

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175sk EA-2 w/ 1/4" floe TD = 4397' Port Colkr "71 1403' Centralizer 12, 3, 4 70 Basket 5, 71 106jt 15.5" x 5.5" casing 4394' shoej 4234'
	1600							on loc TRK 114
	1705							start 5.5" x 15.5" casing in well
	1930							Drop ball - circulate - START
	1950	4 1/2	12 20				200	Pump 500 gal mud flush Pump 20 bbl KCL flush
	1958		7					Plug RH - 305ks
	2008	4 1/2	35				200	Mix EA-2 cement 145sk @ 153ppg Drop latch down plug wash out pump & line
	2020	6 1/2					200	Displace plug
		6 1/2	88				750	
	2045	6 1/2	105				1500	Land plug Release pressure to truck - dried up
	2050							wash truck Rack up
	2145							job complete Thanks Blair Flint & JOHN



CHARGE TO: American Well Services Inc
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET NO: **24090**

PAGE 1 OF 1

SERVICE LOCATIONS:
 1. Hoytsville, KS
 2. Ness City, KS

WELL/PROJECT NO. 2-13 LEASE Felder COUNTY/PARISH Ness STATE KS CITY _____
 TICKET TYPE: SERVICE CONTRACTOR H-D Oilfield Services RIG NAME/NO. _____
 SALES WELL TYPE _____ WELL CATEGORY Development JOB PURPOSE Perf Cellar SHIPPED VIA Texasland DELIVERED TO _____
 REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____ WELL PERMIT NO. _____ WELL LOCATION _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #111	25	mi			6.00	150.00
575D		1			Perf Cellar Charge (Perf Cellar)	1	cell			1500.00	1500.00
290		1			D-Air	2	bar			42.00	84.00
330		2			SMD Conant	1	50 lbs			17.00	17.00
276		2			Fluoride	5	lb			2.00	10.00
581		2			Conant Service Charge	1	hrs			350.00	350.00
582		2			Drillage Minimum	1	hr			250.00	250.00

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.

DATE SIGNED 7-31-13 TIME SIGNED 1500 AM PM

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

DATE SIGNED 7-31-13 TIME SIGNED 1500 AM PM

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

TOTAL 5061.91

TAX 6.15%

TOTAL 102.91

SWIFT OPERATOR: Mark Frank APPROVAL: _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 7-31-13 PAGE NO. 9

CUSTOMER American Water Inc WELL NO. 2-13 LEASE Felder JOB TYPE Port Cellar TICKET NO. 24890

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							water setup take
								2 3/4" x 5 1/2"
								PC 1403'
								Locate PC @ 1445'
	1400							Test to 1000 Psi
	1405	3	4			250		Open PC Take rate & check for blow
	1410	5	0					start Cement 145 sks SMD
	1423	5	68					circ cement/poise weight
	1424	5	73/0					End Cement/start Displacement
	1425		4.5					Cement Displaced
								Close PC
	1430							Test Csg to 1000 Psi
								Run 4 sks
	1440	3	0			150		Reverse out
	1445		15					11.10 Clean
								145 sks
								circ 20 sks to pit
								Thank you
								Nick, David E. & Isaac



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Scott Corsair

Felder #2-13

13-20s-21w Ness,KS

Start Date: 2013.07.26 @ 00:15:06

End Date: 2013.07.26 @ 08:52:01

Job Ticket #: 54258 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.07.26 @ 14:11:13



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Scott Corsair

13-20s-21w Ness, KS
Felder #2-13
 Job Ticket: 54258 **DST#: 1**
 Test Start: 2013.07.26 @ 00:15:06

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:46:46
 Time Test Ended: 08:52:01
 Interval: **4387.00 ft (KB) To 4395.00 ft (KB) (TVD)**
 Total Depth: 4395.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2235.00 ft (KB)
 2229.00 ft (CF)
 KB to GR/CF: 6.00 ft

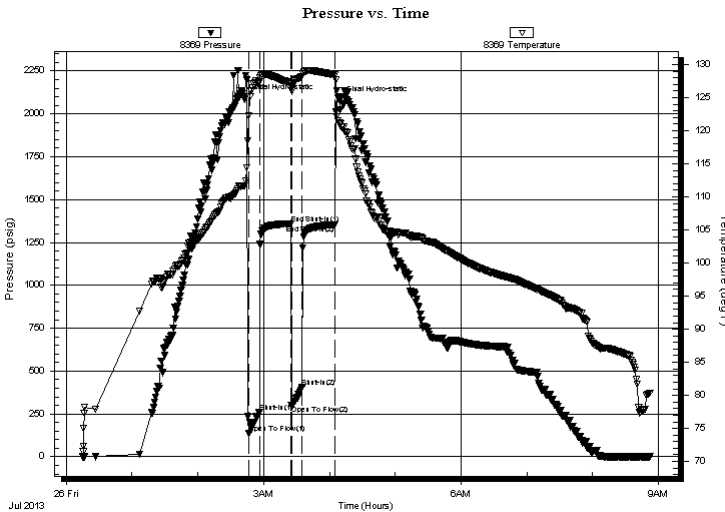
Serial #: 8369

Inside

Press @ Run Depth: 407.80 psig @ 4388.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.07.26 End Date: 2013.07.26 Last Calib.: 2013.07.26
 Start Time: 00:15:06 End Time: 08:52:01 Time On Btm: 2013.07.26 @ 02:42:31
 Time Off Btm: 2013.07.26 @ 04:09:16

TEST COMMENT: 10-IFP-w k to strg in 2 min
 30-ISIP-1/4" bl bk
 10-FFP-w k to strg in 2 min
 30-FSIP-1/4" bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2088.58	111.62	Initial Hydro-static
5	135.29	122.25	Open To Flow (1)
14	259.62	127.47	Shut-In(1)
43	1359.41	127.11	End Shut-In(1)
43	298.98	126.61	Open To Flow (2)
53	407.80	128.19	Shut-In(2)
83	1353.69	128.38	End Shut-In(2)
87	2075.51	121.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	O&GCMW 5%G5%O10%M80%W	1.52
62.00	HO&GCW 10%G40%O50%W	0.87
690.00	CO	9.68
0.00	300'GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Scott Corsair

13-20s-21w Ness, KS
Felder #2-13
 Job Ticket: 54258 **DST#: 1**
 Test Start: 2013.07.26 @ 00:15:06

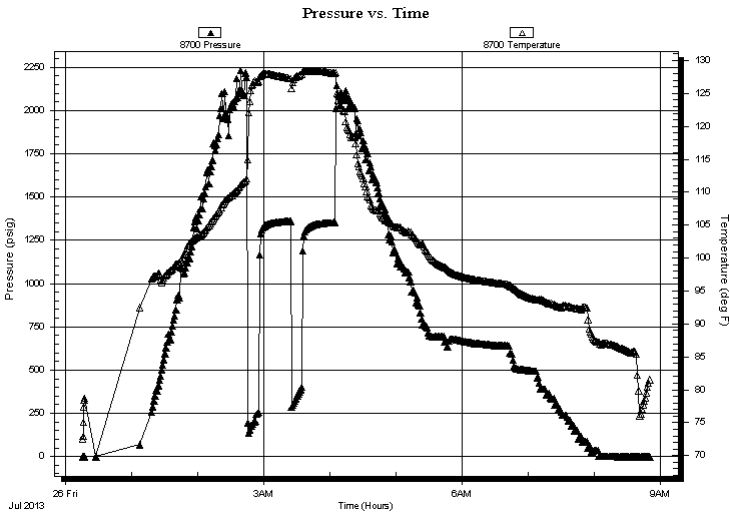
GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:46:46
 Time Test Ended: 08:52:01
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 70
 Interval: **4387.00 ft (KB) To 4395.00 ft (KB) (TVD)**
 Total Depth: 4395.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 2235.00 ft (KB)
 2229.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8700 Outside
 Press @ Run Depth: psig @ 4388.00 ft (KB)
 Start Date: 2013.07.26 End Date: 2013.07.26
 Start Time: 00:15:56 End Time: 08:51:06
 Capacity: 8000.00 psig
 Last Calib.: 2013.07.26
 Time On Btm:
 Time Off Btm:

TEST COMMENT: 10-IFP-w k to strg in 2 min
 30-ISIP-1/4" bl bk
 10-FFP-w k to strg in 2 min
 30-FSIP-1/4" bl bk

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
186.00	O&GCMW 5%G5%O10%M80%W	1.52
62.00	HO&GCW 10%G40%O50%W	0.87
690.00	CO	9.68
0.00	300'GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Scott Corsair

13-20s-21w Ness, KS
Felder #2-13
Job Ticket: 54258 **DST#: 1**
Test Start: 2013.07.26 @ 00:15:06

Tool Information

Drill Pipe:	Length: 4252.00 ft	Diameter: 3.80 inches	Volume: 59.64 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4387.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	36.00 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			4360.00	
Shut In Tool	5.00			4365.00	
Hydraulic tool	5.00			4370.00	
Jars	5.00			4375.00	
Safety Joint	2.00			4377.00	
Packer	5.00			4382.00	28.00 Bottom Of Top Packer
Packer	5.00			4387.00	
Stubb	1.00			4388.00	
Recorder	0.00	8369	Inside	4388.00	
Recorder	0.00	8700	Outside	4388.00	
Perforations	4.00			4392.00	
Bullnose	3.00			4395.00	8.00 Bottom Packers & Anchor

Total Tool Length: 36.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Scott Corsair

13-20s-21w Ness,KS
Felder #2-13
Job Ticket: 54258 **DST#: 1**
Test Start: 2013.07.26 @ 00:15:06

Mud and Cushion Information

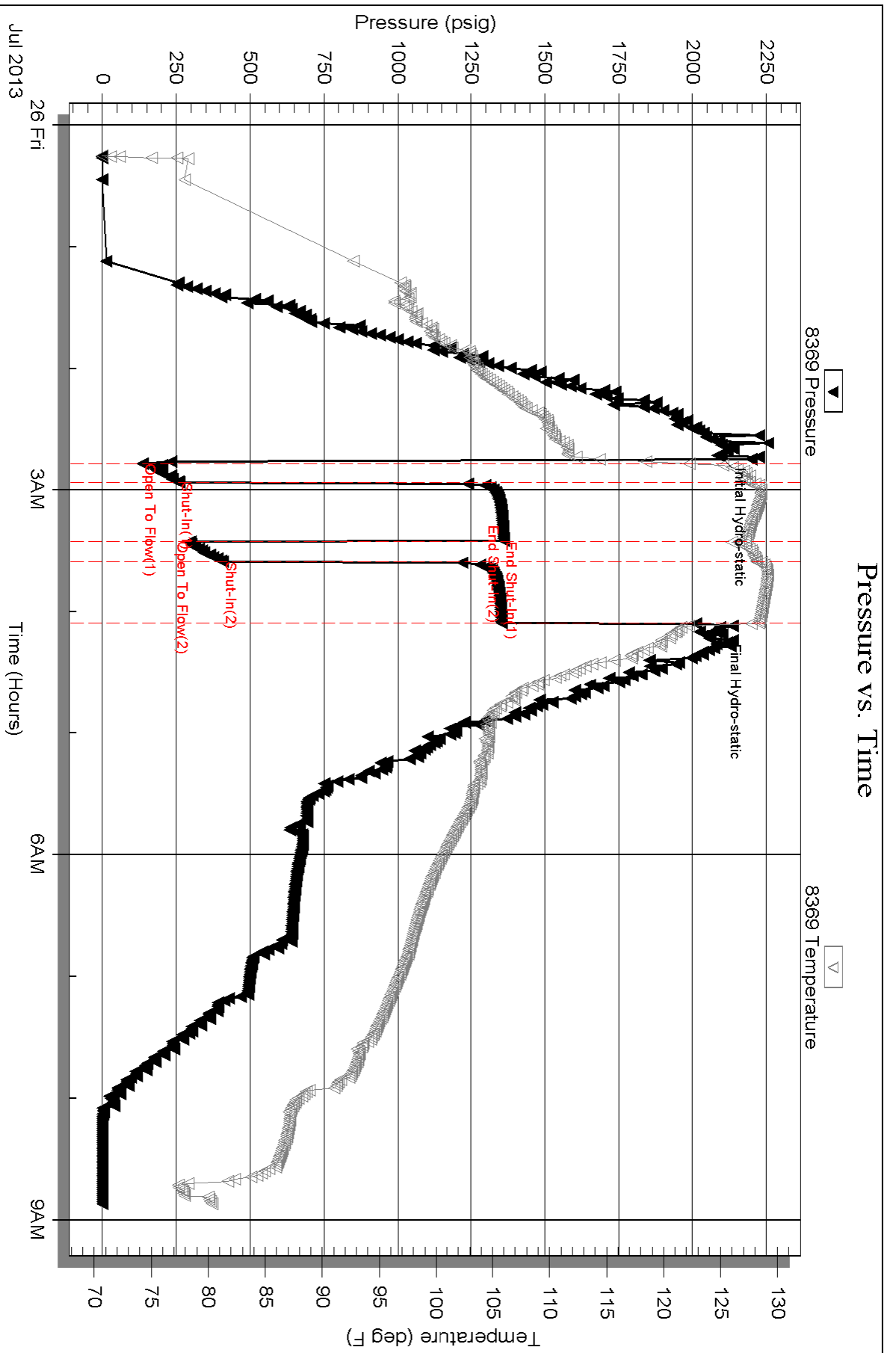
Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 26000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 11.16 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	O&GCMW 5%G5%O10%M80%W	1.516
62.00	HO&GCW 10%G40%O50%W	0.870
690.00	CO	9.679
0.00	300'GIP	0.000

Total Length: 938.00 ft Total Volume: 12.065 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .3@55F

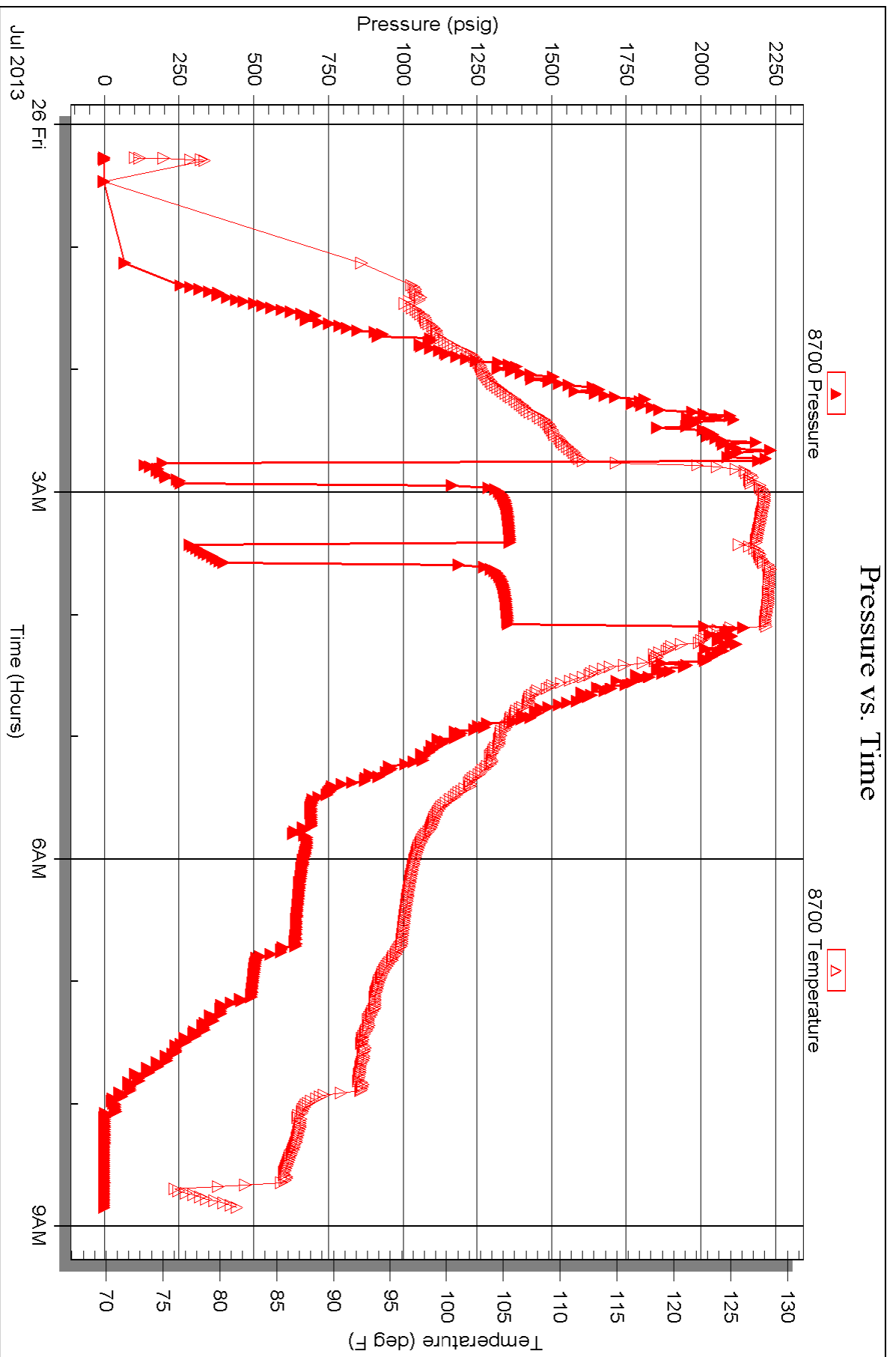


Serial #: 8700

Outside American Warrior Inc

Felder #2-13

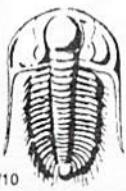
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 54258

Printed: 2013.07.26 @ 14:11:17



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54258

Well Name & No. Felder #2-13 Test No. 1 Date 7-25-13
 Company AMERICAN WARRIOR INC Elevation 2235 KB 2229 GL
 Address 3118 Cummings Rd, PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. JASON ALM Rig PETROMARK Rig 1
 Location: Sec. 13 Twp. 20^s Rge. 21^w Co. Ness State Ks

Interval Tested 4387-4395 Zone Tested MISS
 Anchor Length 8 Drill Pipe Run 4252 Mud Wt. 9.2
 Top Packer Depth 4382 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 4387 Wt. Pipe Run - WL 11.2
 Total Depth 4395 Chlorides 5000 ppm System LCM -

Blow Description IFP - WEAK TO STRONG IN 2 MIN
TSIP - 1/4" BLOW BACK
FFP - WEAK TO STRONG IN 2 MIN
FSIP - 1/4" BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>300</u>	<u>GIP</u>				
<u>690</u>	<u>CO</u>				
<u>62</u>	<u>H0+6CW</u>	<u>10</u>	<u>40</u>	<u>50</u>	
<u>186</u>	<u>O+6CMW</u>	<u>5</u>	<u>5</u>	<u>80</u>	<u>10</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 938 BHT 120 Gravity 36 API RW .3 @ 55 ° F Chlorides 26000 ppm

(A) Initial Hydrostatic 2088 Test 1250 T-On Location 2300
 (B) First Initial Flow 135 Jars 250 T-Started 0015
 (C) First Final Flow 259 Safety Joint 75 T-Open 0240
 (D) Initial Shut-In 1359 Circ Sub T-Pulled 0400
 (E) Second Initial Flow 298 Hourly Standby T-Out 0852
 (F) Second Final Flow 407 Mileage 120 RT 186 Comments _____
 (G) Final Shut-In 1353 Sampler _____
 (H) Final Hydrostatic 2075 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 10
 Initial Shut-In 30
 Final Flow 10
 Final Shut-In 30

Sub Total 1761
 Total 1761
 MP/DST Disc't _____

Approved By _____ Our Representative Ray Schwager Thank you

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Geological Report

American Warrior, Inc.

Felder #2-13

335' FSL & 2310' FEL

Sec. 13 T20s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Felder #2-13
335' FSL & 2310' FEL
Sec. 13 T20s R21w
Ness County, Kansas
API # 15-135-25638-0000

Drilling Contractor: Petromark Drilling, LLc Rig #1

Geologist: Jason T Alm

Spud Date: July 19, 2013

Completion Date: July 26, 2013

Elevation: 2229' Ground Level
2235' Kelly Bushing

Directions: Bazine KS, 4 mi East on Hwy 96 to the HH Rd. 10
mi. South to 30 Rd. East 3/4 mi. North into location.

Casing: 222' 8 5/8" surface casing
4396' 5 1/2" production casing

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

Drilling Time: 3700' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Ray Schwager"

Problems: None

Remarks: None

Formation Tops

	American Warrior, Inc. Felder #2-13 Sec. 13 T20s R21w 335' FSL & 2310' FEL
Formation	
Anhydrite	1440', +795
Base	1468', +767
Heebner	3761', -1526
Lansing	3811', -1576
BKc	4155', -1920
Pawnee	4284', -2049
Fort Scott	4312', -2077
Cherokee	4330', -2095
Mississippian	4384', -2149
RTD	4397', -2162

Sample Zone Descriptions

Mississippian Osage (4384', -2149): **Covered in DST #1**

Δ – Dolo – Fine sucrosic crystalline with fair inter-crystalline and vuggy porosity, very heavy slightly triptolic to triptolic chert, weathered with fair to good vuggy porosity, good to heavy oil stain in vugular cavities, good show of free oil, good odor, fair to good yellow fluorescents, 25-44 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc.
 “Ray Schwager”

DST #1

Mississippian Osage

Interval (4387' – 4395') Anchor Length 8'

IHP	– 2089 #	
IFP	– 10” – B.O.B. 2 min.	135-260 #
ISI	– 30” – Built to ¼ in.	1359 #
FFP	– 10” – B.O.B. 2 min.	299-408 #
FSI	– 30” – Built to ¼ in.	1354 #
FHP	– 2076 #	
BHT	– 128°F	

Recovery:	300' GIP	
	690' GCO	
	62' HO&GCW	40% Oil, 50% Water
	186' O&GCMW	5% Oil, 80% Water

Structural Comparison

	American Warrior, Inc. Felder #2-13 Sec. 13 T20s R21w 335' FSL & 2310' FEL	American Warrior, Inc. Felder #1-13 Sec. 13 T20s R21w 1800' FSL & 560' FEL	American Warrior, Inc. Ochs #1-13 Sec. 13 T20s R21w 990' FSL & 760' FWL
Formation			
Anhydrite	1440', +795	1407', +800	1449', +801
Base	1468', +767	1435', +772	NA
Heebner	3761', -1526	3730', -1523	3776', -1526
Lansing	3811', -1576	3782', -1575	3822', -1572
BKc	4155', -1920	NA	NA
Pawnee	4284', -2049	4250', -2043	4292', -2042
Fort Scott	4312', -2077	4276', -2069	4321', -2071
Cherokee	4330', -2095	4295', -2088	4340', -2090
Mississippian	4384', -2149	4353', -2146	4396', -2146

Summary

The location for the Felder #2-13 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Felder #2-13 well.

Recommended Perforations

Mississippian

(4384' – 4394')

DST #1

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



Geologic Report

Drilling Time and Sample Log

Operator **American Warrior, Inc.**

KB Elevation
2235'

Lease **Felder** No. **2-13**

DF 2229'

API # **15-135-25638-0000**

GL 2229'

Field **Bernice**

Casing Record
Surface
8 5/8" @ 222'

Production
5 1/2" @ 4396'

Location **335' FSL & 2310' FEL**

Electrical Surveys
None

Sec. **13** Twp. **20s** Rge. **21w**

County **Ness** State **Kansas**

Formation Log Tops Sample Tops Struct Comp

Anhydrite		1440' +795	-5
Base		1468' +767	-5
Heebner		3761' -1526	-3
Lansing		3811' -1576	-1
BKc		4155' -1920	
Pawnee		4284' -2049	-6
Fort Scott		4312' -2077	-8
Cherokee		4330' -2095	-7
Mississippian		4384' -2149	-3
Total Depth		4397' -2162	

Reference Well For Structural Comparison American Warrior, Inc. Felder #1-13
1800' FSL & 560' FEL Sec. 13 T20s R21w Ness Co. Kansas

Drilling Contractor	Petromark Drilling, LLC. Rig #1		
Commenced	7-19-2013	Completed	7-26-2013
Samples Saved From	4000'	To	RTD
Drilling Time Kept From	3700'	To	RTD
Samples Examined From	4000'	To	RTD
Geological Supervision From	4000'	To	RTD

Displacement 3600' Mud Type Chemical

Summary and Recommendations

The location for the Felder #2-13 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Felder #2-13 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.

