

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

2/23/14

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058
Name: American Warrior Inc.
Address 1: P.O. Box 399
Address 2:
City: Garden City State: Ks. Zip: 67846 +
Contact Person: Jody Smith
Phone: (620) 275-2063
CONTRACTOR: License # 5822
Name: Val Energy Inc.
Wellsite Geologist: Pat Balthazor
Purchaser: NCRA

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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 #:
1/23/12 1/30/12 2/21/12
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 179-21291 - 0000
Spot Description:
NW_NW_SW_SE Sec. 19 Twp. 10 S. R. 28 East West
1,220 Feet from North / South Line of Section
2,760 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Sheridan
Lease Name: Ziegler Well #: #2-19
Field Name: RJS
Producing Formation: Lansing/KC
Elevation: Ground: 2770' Kelly Bushing: 2779
Total Depth: 4260' Plug Back Total Depth: 4206'
Amount of Surface Pipe Set and Cemented at: 221' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2345' Feet
If Alternate II completion, cement circulated from: 2345'
feet depth to: Surface w/ 190 sx cmf.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 14,000 ppm Fluid volume: 40 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. East West
County: FEB 23 2014 Permit #:

KCC

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.
Signature: [Signature]
Title: Foreman Date: 2/21/12

KCC Office Use ONLY
 Letter of Confidentiality Received Date: 2/23/12 - 2/23/14
 Confidential Release Date: FEB 23 2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: [Signature] Date: 3/17/12

Operator Name: American Warrior Inc. Lease Name: Ziegler Well #: #2-19
 Sec. 19 Twp. 10 S. R. 28 East West County: Sheridan

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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

List All E. Logs Run:
Sonic, Induction, Micro and Porosity.

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhy	2342'	+437
B/Anhy	2378'	+401
Heebner	3856'	-1077
Toronto	3876'	-1097
Lansing	3891'	-1112
Pleasanton	4162'	-1383

CASING RECORD <input checked="" 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
Surface	121/4	85/8	23#	221'	Common	160	3%CC,2%gel
Production	77/8	51/2	15.5'	4251'	EA-1	125sx	

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				

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
4	4135'to 4142'	500 gal 15%MCA	4135
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TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run:
		23/8	4202'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.			Producing Method:		
NA'			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	28	0	89		

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	_____ 4135'to 4142'

ALLIED CEMENTING CO., LLC. 035319

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

SERVICE POINT:

Oakley

DATE <u>1-23-12</u>	SEC <u>19</u>	TWP. <u>10</u>	RANGE <u>28</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00 AM</u>	JOB FINISH <u>2:30 AM</u>
LEASE <u>Ziegler</u>	WELL # <u>2-19</u>	LOCATION <u>Grain Field</u>	<u>3/4 N</u>	COUNTY <u>Sheridan</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>		<u>1/4 W NINTD</u>					

CONTRACTOR Val #4
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 225'
 CASING SIZE 8 5/8 DEPTH 225'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 13.37 BBL

OWNER same

CEMENT
 AMOUNT ORDERED 160 sks com 3/8 cc
2/8 gel

COMMON	<u>160 sks</u>	@ <u>16.25</u>	<u>2600.00</u>
POZMIX		@	
GEL	<u>3 sks</u>	@ <u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6 sks</u>	@ <u>58.20</u>	<u>349.20</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>169 sks</u>	@ <u>2.25</u>	<u>380.25</u>
MILEAGE	<u>110 sk/mile</u>		<u>501.93</u>
			<u>TOTAL 3895.13</u>

EQUIPMENT

PUMP TRUCK CEMENTER Andrew
 # 423-281 HELPER Terry
 BULK TRUCK
 # 342 DRIVER Tyler
 BULK TRUCK
 # DRIVER

REMARKS:

Cement did circulate

thank you

CHARGE TO: American warrior inc.
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., 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 _____
 SIGNATURE [Signature]

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1125.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>27 miles</u>	@ <u>7.00</u>		<u>189.00</u>
MANIFOLD <u>head</u>	@		<u>200.00</u>
<u>Light vehicle</u>	@ <u>4.00</u>		<u>108.00</u>
	@		
			<u>TOTAL 1622.00</u>

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
	@		
			<u>TOTAL</u>

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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

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TICKET No 21195

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>MAXS</u>	WELL/PROJECT NO. <u>219</u>	LEASE <u>ZIEGLER</u>	COUNTY/PARISH <u>SHERMAN</u>	STATE <u>KS</u>	CITY	DATE <u>02-15-12</u>	ORDER NO.
2. <u>NESS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>CR14</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>GRAINFIELD</u>		
3.	WELL TYPE <u>OIL</u>	WELL CATEGORY <u>DEVELOP</u>	JOB PURPOSE <u>CONT: FOOT CELLAR</u>	WELL PERIOD NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		UNIT PRICE	AMOUNT	
		LOC	ACCT	OF			UM		UM			
575		1			MILEAGE #12	60	MI			6.00	360	00
576D		1			Pump Service	1	EA			1050.00	1050	00
290		1			D-AIR	2	BAR			35.00	70	00
330		2			SMO CNT	190	CT			13.50	2565	00
576		2			FLOCELE	50	LB			2.00	100	00
581		2			SERVICE CHG CNT	260	SK			2.00	520	00
583		2			DAMAGE	778.38	TM			1.00	778	38
104		2			FOOT CELLAR TOOL	1	EA	5'6 1/2"		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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED 02-15-12 TIME SIGNED 0830 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	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				5893	38
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES - The customer hereby acknowledges receipt of the materials and services listed on this label.

SWIFT OPERATOR

Dave [Signature]

APPROVAL

Thank You!

P.002/002

(FAX)

02/15/2012 21:55 Swift services

OB LOG

SWIFT Services, Inc.

DATE 02-15-12 PAGE NO. 9

BUYER AW1 WELL NO. 2-19 LEASE ZIEGLER JOB TYPE CMT1 Port Column TICKET NO. 21125

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/1000)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							ON LOCATION CMT1 260 5/8 SMD 1 1/4" P20 2 3/4" X 5 1/2" Port Column @ 23' X 5
	0915			-	-	1000	1000	PSI TEST OPEN PC
		2.5	20	✓		300		INJECTION RATE - GOOD BLEND
	0920	3.0	0	-		350		START CMT
		4.0	4	-		450		CIRC MUD!
			95	-				CIRC CMT TO 117'
			100	-				END CMT
			0	-		500		STD ISP
	0945		8	-		600		END CLOSE PC
	0950			-	-	1100	1100	PSI TEST - HOLD Read in 5 points
	1005	3.0	0	-		300		Read out
			8	-				1st FEEL
			10	-				2nd FEEL
			13	-				3rd FEEL
	1015		25	-		200		ALL CLEAR
								MIX TOTAL FDSIS 2256 TO 117'
	1100							JOB COMPLETE THANK YOU! DME, Josh B. Bob

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CHARGE TO: **AMERICAN WARRIDR**
 ADDRESS:
 CITY, STATE, ZIP CODE:

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TICKET
 No 21632

PAGE 1 OF 2

SERVICE LOCATIONS: 1. **NESS CITY, KS**

WELL/PROJECT NO.: **ZIGGLER 2-19** LEASE: **SHERIDAN** COUNTY/PARISH: **KS** STATE: **GRAINFIELD, KS** CITY: **31 JAN 12** DATE: **OWNER**

TICKET TYPE: SERVICE SALES CONTRACTOR: **UAL DRILLING RIG #4** RIG NAME/NO.: **SHIPPED VIA** DELIVERED TO: **ORDER NO.**

WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **5 1/2 LONGSTRING** WELL PERMIT NO.: **WELL LOCATION: E EDGE, 4N, 1 1/2 W, N INTO**

REFERRAL LOCATION: **INVOICE INSTRUCTIONS**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #110	80	MIL			6.00	480.00
578					Pump CHARGE	1	HR	4256	FT.	1500.00	1500.00
402					CENTRALIZERS	9	EA			70.00	630.00
403					CEMENT BASKETS	2	EA			250.00	500.00
404					PORT COLLAR	1	EA	2345	FT	2400.00	2400.00
406					LATCH DOWN PLUG & BAFFLE	1	EA			250.00	250.00
407					INSERT FLOAT SHADE W/AUTO FILL	1	EA			350.00	350.00
281					MUD FLUSH	500	PC			1.25	625.00
221					LIQUID KCL	2	PC			25.00	50.00

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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 *[Signature]*
 DATE SIGNED: **31 JAN 12** TIME SIGNED: **1130** 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		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1	6785.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	4837.26
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	11,622.26
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Sheridan TAX 8.3%	710.52
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	12,332.78
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

TICKET CONTINUATION

TICKET No. 21632

CUSTOMER AMERICAN WARRIOR WELL ZIGGLER 2-19 DATE 31 JAN 12 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY/REFERENCE/PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		UNIT PRICE	AMOUNT	
		LOC	ACCT	DEF			QTY	UM		QTY	UM
276						FLOCELE	44	lbs	2.00	88	00
283						SALT	900	lbs	0.20	180	00
284						CALSEAL	8	bx	35.00	280	00
292						HALAD 322	100	lbs	7.75	775	00
290						D-AIR	2	gal	35.00	70	00
325						STANDARD CEMENT	175	bx	13.50	2362	50
581						SERVICE CHARGE			2.00	350	00
583						MILEAGE CHARGE	18294	TOTAL WEIGHT			
							80	LOADED MILES			
							731.76	TON MILES			

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CONTINUATION TOTAL 4837.26

JOB LOG

SWIFT Services, Inc.

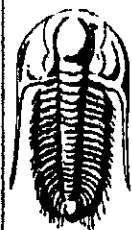
DATE 31 JAN 12 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE ZIBGLER 2-19 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 21632

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0620							ON LOCATION
	0805							START PIPE 5 1/2 - 15.5 # RTD @ 4260 LTD 4260 SHOE JT. 21 CENTRALIZERS 1,3,5,7,9,11,13,46,48 BASKETS. 10,47 PORT COLLAR TOP OF JT. #47 @ 2344
	0945							DROP BALL CIRCULATE.
	1017	6	12				300	Pump 500 gal MUD FLUSH
	1019	6	20				300	Pump 20 Bbl KCL FLUSH
	1024		7.5					PLUG RH-MH (30sx - 20sx)
	1027	4	30					MIX 125sx EA2
	1040							WASH OUT PUMPING LINES.
	1042	6						START PLUG DISPLACEMENT
	1059		101				1500	PLUG DOWN PSI w/ LATCH PLUG IN
	1102							RELEASE PSI - DRY
	1104							WASH TRUCK.
	1130							JOB COMPLETE.

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THANKS #110
JASON, JEFF, ROB



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.
 P.O Box 399
 Garden City KS. 67846
 ATTN: Pat Balthazer

19-10s-28w Sheridan Co KS
Ziegler # 2-19
 Job Ticket: 44997 DST#: 1
 Test Start: 2012.01.28 @ 06:46:00

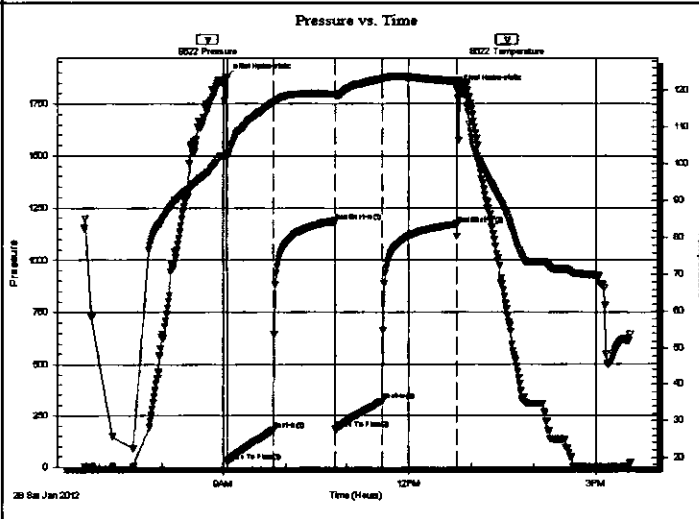
GENERAL INFORMATION:

Formation: **Upper L K C**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 09:03:30
 Time Test Ended: 15:33:30
 Interval: **3888.00 ft (KB) To 3950.00 ft (KB) (TVD)**
 Total Depth: **3950.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Will MacLean**
 Unit No: **53**
 Reference Elevations: **2785.00 ft (KB)**
 2776.00 ft (CF)
 KB to GR/CF: **9.00 ft**

Serial #: 8522

Press@RunDepth: **322.46 psig @ ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.01.28** End Date: **2012.01.28** Last Calib.: **2012.01.28**
 Start Time: **06:46:00** End Time: **15:33:30** Time On Btrr: **2012.01.28 @ 09:03:00**
 15:33:30 Time Off Btrr: **2012.01.28 @ 12:46:15**

TEST COMMENT: IF- BOB in 9 1/2min
 IS- No Blow
 FF- BOB in 17min
 FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1876.88	102.36	Initial Hydro-static
1	25.40	102.17	Open To Flow (1)
46	179.35	116.64	Shut-In(1)
106	1185.63	118.94	End Shut-In(1)
106	183.08	118.54	Open To Flow (2)
152	322.46	123.01	Shut-In(2)
223	1172.07	122.37	End Shut-In(2)
224	1819.38	122.60	Final Hydro-static

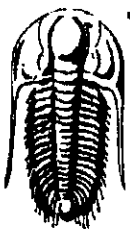
Recovery

Length (ft)	Description	Volume (bbl)
151.00	WCM 15%w 85%m	2.12
189.00	MCW 25%m 75%w	2.65
315.00	MCW 10%m 90%w	4.42

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.

19-10s-28w Sheridan Co KS

P.O Box 399
Garden City KS. 67846

Ziegler # 2-19

Job Ticket: 44997 **DST#: 1**

ATTN: Pat Balthazer

Test Start: 2012.01.28 @ 06:46:00

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:	95000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.56 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
151.00	WCM 15%w 85%m	2.118
189.00	MCW 25%m 75%w	2.651
315.00	MCW 10%m 90%w	4.419

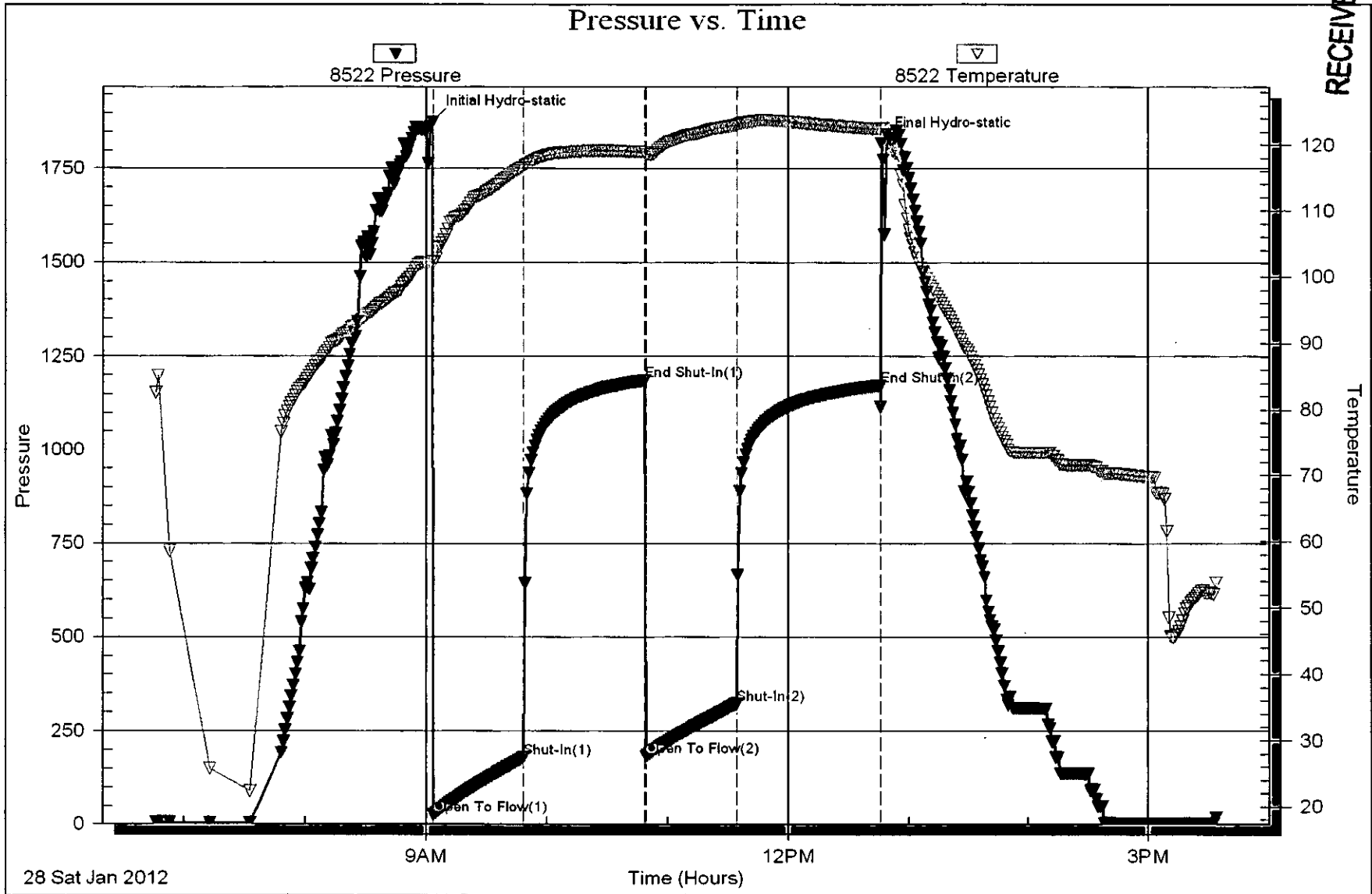
Total Length: 655.00 ft Total Volume: 9.188 bbl

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

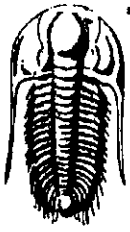
Laboratory Name: Laboratory Location:

Recovery Comments: RW is .121 @ 47f = 95000

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KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc.
P.O Box 399
Garden City KS. 67846
ATTN: Pat Balthazer

19-10s-28w Sheridan Co KS
Ziegler # 2-19
Job Ticket: 44998 DST#: 2
Test Start: 2012.01.29 @ 00:55:00

GENERAL INFORMATION:

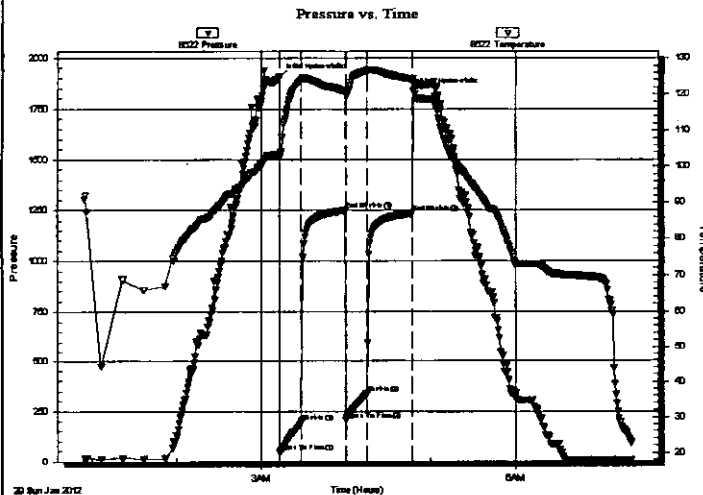
Formation: LKC "D, E & F"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:13:00
Time Test Ended: 07:21:45
Interval: 3958.00 ft (KB) To 4010.00 ft (KB) (TVD)
Total Depth: 4010.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Will MacLean
Unit No: 53
Reference Elevations: 2785.00 ft (KB)
2776.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8522

Press@RunDepth: 340.32 psig @ ft (KB) Capacity: 8000.00 psig
Start Date: 2012.01.29 End Date: 2012.01.29 Last Calib.: 2012.01.29
Start Time: 00:55:00 End Time: 07:21:45 Time On Btm: 2012.01.29 @ 03:12:45
Time Off Btm: 2012.01.29 @ 04:47:30

TEST COMMENT: IF- BOB in 3 1/2min
IS- No Blow
FF- BOB in 4min
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1901.85	103.18	Initial Hydro-static
1	47.65	102.61	Open To Flow (1)
16	193.95	123.99	Shut-In(1)
47	1248.14	120.94	End Shut-In(1)
48	204.43	119.77	Open To Flow (2)
63	340.32	126.53	Shut-In(2)
94	1234.55	124.10	End Shut-In(2)
95	1832.48	124.38	Final Hydro-static

Recovery

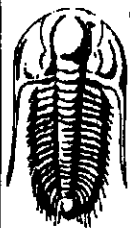
Length (ft)	Description	Volume (bbl)
73.00	WCM 10%w 90%m	1.02
126.00	WCM 15%w 85%m	1.77
189.00	MCW 30%w 70%w	2.65
252.00	MCW 5%w 95%w	3.53

* Recovery from multiple tests

Gas Rates

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

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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

19-10s-28w Sheridan Co KS

P.O Box 399
Garden City KS. 67846

Ziegler # 2-19

Job Ticket: 44998 DST#: 2

ATTN: Pat Balthazer

Test Start: 2012.01.29 @ 00:55:00

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:

150000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
73.00	WCM 10%w 90%m	1.024
126.00	WCM 15%w 85%m	1.767
189.00	MCW 30%m 70%w	2.651
252.00	MCW 5%m 95%w	3.535

Total Length: 640.00 ft Total Volume: 8.977 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

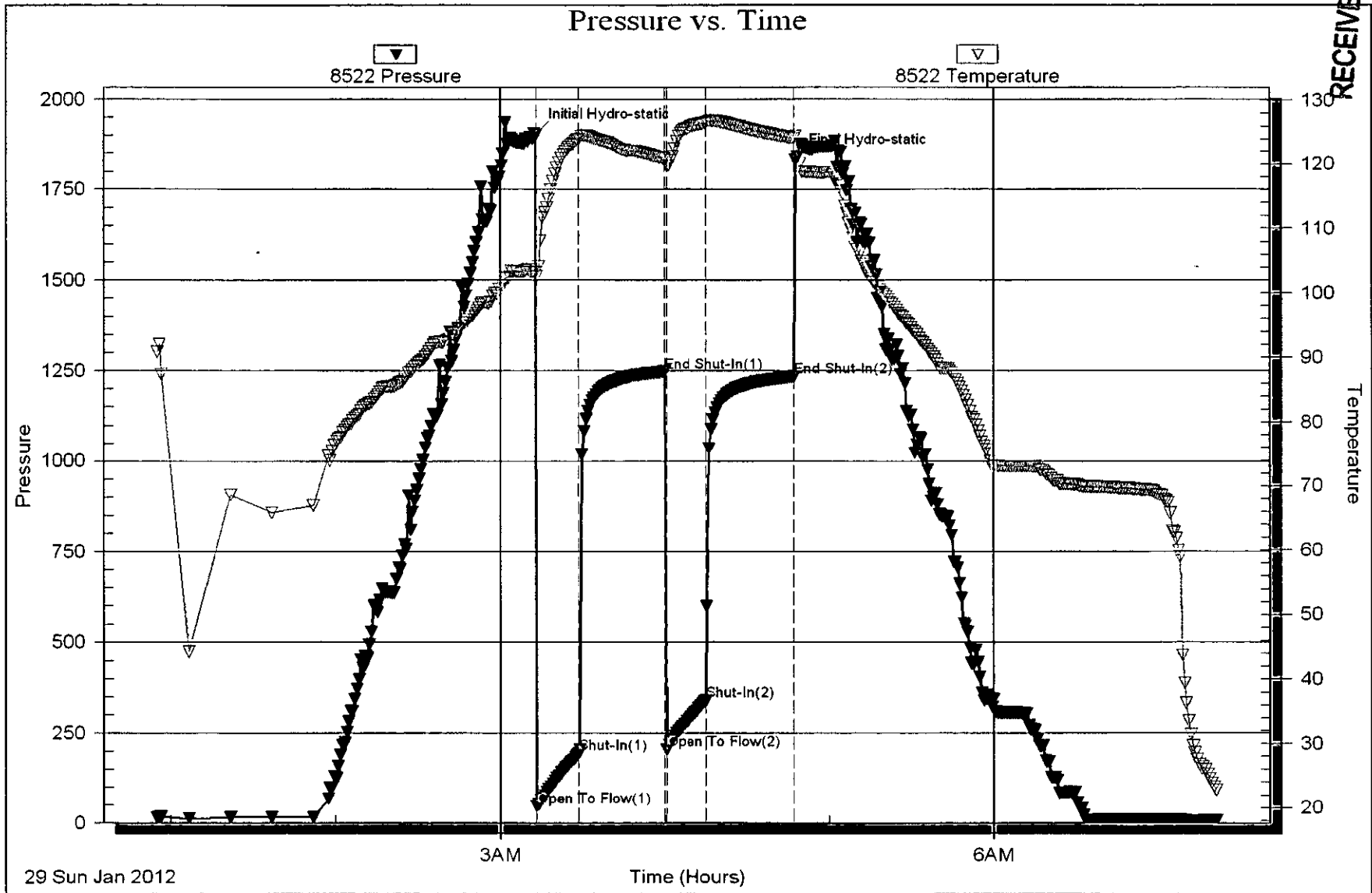
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .154 @ 26f = 150000

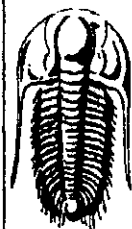
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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

P.O Box 399
Garden City KS. 67846

ATTN: Pat Balthazer

19-10s-28w Sheridan Co KS

Ziegler # 2-19

Job Ticket: 44999

DST#: 3

Test Start: 2012.01.29 @ 17:53:00

GENERAL INFORMATION:

Formation: **LKC "H, I & J"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 19:35:00

Time Test Ended: 01:49:30

Interval: **4022.00 ft (KB) To 4104.00 ft (KB) (TVD)**

Total Depth: **4104.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **WJ MacLean**

Unit No: **53**

Reference Elevations: **2785.00 ft (KB)**

2776.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 8522

Press@RunDepth: **56.09 psig @ ft (KB)**

Start Date: **2012.01.29**

End Date: **2012.01.30**

Start Time: **17:53:01**

End Time: **01:49:31**

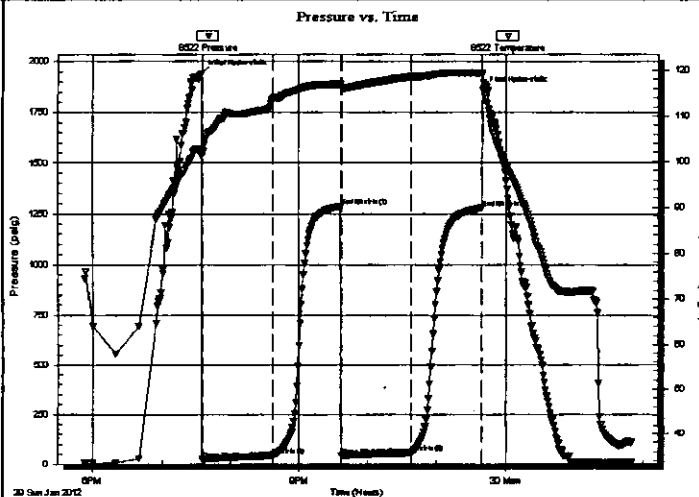
Capacity: **8000.00 psig**

Last Calib.: **2012.01.30**

Time On Btm: **2012.01.29 @ 19:34:46**

Time Off Btm: **2012.01.29 @ 23:40:01**

TEST COMMENT: IF- Surface Blow Built to 4"
IS- No Blow
FF- Surface Blow Built to BOB in 57min
FS- Weak Surface Blow in 18min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1941.12	101.72	Initial Hydro-static
1	23.74	101.30	Open To Flow (1)
62	43.40	113.65	Shut-In(1)
122	1286.93	116.88	End Shut-In(1)
123	42.23	116.18	Open To Flow (2)
183	56.09	118.57	Shut-In(2)
245	1278.90	119.38	End Shut-In(2)
246	1859.86	119.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GO 5%g 95%oil	0.14
15.00	GOCM 3%g 10%oil 87%m	0.21
63.00	WOGCM 3%w 12%oil 15%g 70%m	0.88
0.00	227' of GIP	0.00

Gas Rates

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

* Recovery from multiple tests

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**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

19-10s-28w Sheridan Co KS

P.O Box 399
Garden City KS. 67846

Ziegler # 2-19

Job Ticket: 44999

DST#: 3

ATTN: Pat Balthazer

Test Start: 2012.01.29 @ 17:53:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Satinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	GO 5%g 95%oil	0.140
15.00	GOCM 3%g 10%oil 87%m	0.210
63.00	WOGCM 3%w 12%oil 15%g 70%m	0.884
0.00	227' of GP	0.000

Total Length: 88.00 ft Total Volume: 1.234 bbl

Num Fluid Samples: 0

Num Gas Borrs: 0

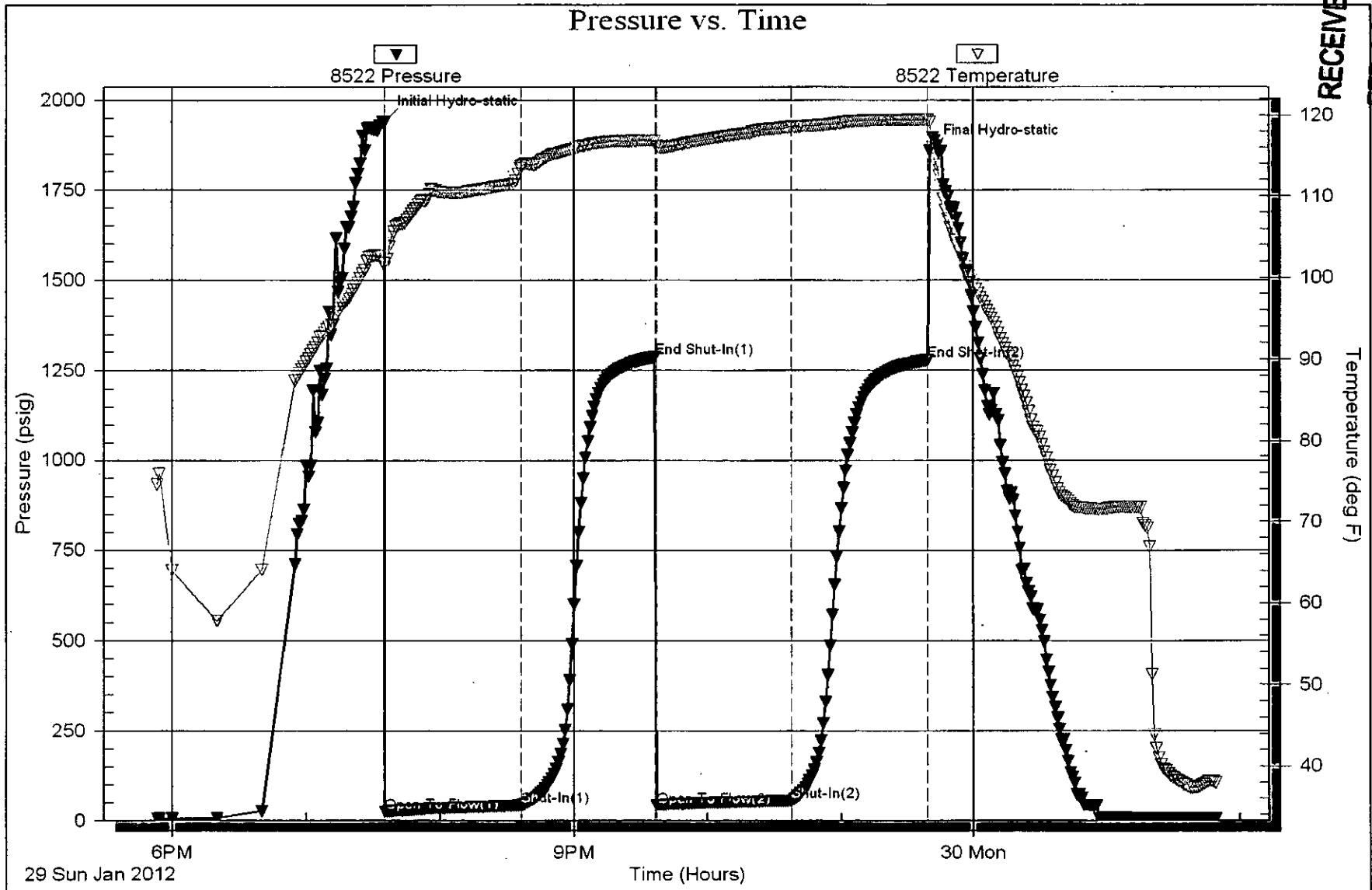
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API is 35 @ 40f = 37

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