



KANSAS CORPORATION COMMISSION 1094697  
OIL & GAS CONSERVATION DIVISION

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: 3118 Cummings Rd  
Address 2: PO BOX 399  
City: GARDEN CITY State: KS Zip: 67846 + \_\_\_\_\_  
Contact Person: Scott Corsair  
Phone: (785) 398-2270  
CONTRACTOR: License # 33323  
Name: Petromark Drilling, LLC  
Wellsite Geologist: Jason Alm  
Purchaser: NCRA

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 #: \_\_\_\_\_

<u>04/18/2012</u>	<u>04/26/2012</u>	<u>07/12/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25325-00-00

Spot Description: \_\_\_\_\_

SW NE NW NW Sec. 6 Twp. 19 S. R. 21  East  West  
480 Feet from  North /  South Line of Section  
810 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Ness

Lease Name: V Strecker Well #: 5-6

Field Name: DeWald North

Producing Formation: Mississippian

Elevation: Ground: 2128 Kelly Bushing: 2134

Total Depth: 4255 Plug Back Total Depth: 4254

Amount of Surface Pipe Set and Cemented at: 1392 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: 26000 ppm Fluid volume: 160 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: American Warrior

Lease Name: Moore-Hamzy License #: 4058

Quarter SE Sec. 27 Twp. 19 S. R. 21  East  West

County: Ness Permit #: D28845

**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: Deanna Garrisor Date: 10/04/2012



1094697

Operator Name: American Warrior, Inc. Lease Name: V Strecker Well #: 5-6  
 Sec. 6 Twp. 19 S. R. 21  East  West County: Ness

**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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Dual Receiver Cement Bond Log			

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	12.25	8.625	23	1392	SMD	425	1/4# Flocele
Production	7.875	5.5	15.5	4254	EA-2	175	1/4#Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2100	SMD	125	1/4# Flocele

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	4243.5-4253.5		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4242</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>07/20/2012</u>		Producing Method: <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. <u>17</u>	Gas Mcf	Water Bbls. <u>1</u> Gas-Oil Ratio <u>40</u> Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <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)	PRODUCTION INTERVAL: <u>4243.5-4253.5</u>
<input type="checkbox"/> Other (Specify) _____		

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	V Strecker 5-6
Doc ID	1094697

Tops

Name	Top	Datum
Anhydrite	1380	754
Heebner	3615	-1481
Lansing	3660	-1526
Base Kansas City	3986	-1852
Panwee	4067	-1933
Ft. Scott	4149	-2015
Cherokee	4172	-2038
Mississippian	4228	-2113
TD	4255	-2121



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

TICKET  
 N° **23031**

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>Miss City, KS</u>	WELL/PROJECT NO. <u>5-6</u>	LEASE <u>V Strucker</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Bazine</u>	DATE <u>20 APR 12</u>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>POTTSVILLE</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
3.	WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>current deep surface</u>	WELL PERMIT NO.	WELL LOCATION <u>6-19-21W</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF		QTY.	UM	QTY.	UM		
575		1			MILEAGE TRK 114	20	mi	6	00	120 00	
576D		1			Pump Charge	1	ea	1250	00	1250 00	
330		1			5m cement	425	sk	16	50	7012 50	
276		1			Fluore	100	lb	2	00	200 00	
401		1			INSECT FLAT w/o ADDFLU	85	in	1	00	250 00	
<del>402</del> 409		1			Conkoff Turbolizer	85	in	4	00	400 00	
410		1			TOP Plug	85	in	1	00	100 00	
581		1			Service Charge cement	425	sk	2	00	850 00	
583		1			Drayage	42291.75	lb	42291	TIM	1 00	42292 92
290		1			D-AIR	5	gal	35	00	175 00	
281		1			multiflush	500	gal	1	25	625 00	
221		1			KCL liquid			25	00	50 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 \_\_\_\_\_ TIME SIGNED 2:15  AM  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 1 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?				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				

SWIFT OPERATOR 105/111 APPROVAL \_\_\_\_\_

Thank You!

CHART NO. TIME RATE (BPM) VOLUME (BBL) (GAL) PUMPS TUBING C CASING

DESCRIPTION OF OPERATION AND MATERIALS

4255 SMD @ 1/4" frac. 33 joints @ 23" casing 1392' 11" shaft  
 (cut - 51, 3, 12, 25)

11030 1700  
 10" T&E 114  
 shaft @ 23" casing in well

2025 Circulate

20410 4 3/4 12  
 Pump 20561 RCL brush  
 300

2050 6 46  
 Mix SMD count 100% @ 11.8 ppg  
 300

300 6 57  
 Mix SMD count 150% @ 12.5 ppg  
 300

300 6 29  
 Mix SMD count 100% @ 13.8 ppg  
 300

300 6 20  
 Mix SMD count 75% @ 14.5 ppg  
 300

2117 Release plug  
 300

2120 6 64  
 Displace plug - count to 5000 - 5050 to  
 300

2135 6 87  
 Kickout displacement  
 300

2140 Wash truck  
 4255 SMD MIX  
 50 58 to 2.1

2215 job complete

Blank Data Ricks  
 Tenth



CHARGE TO: <i>American Warrior</i>
ADDRESS
CITY, STATE, ZIP CODE

TICKET  
# 23640

PAGE	OF
1	2

SERVICE LOCATIONS 1. <i>Amelia, KS</i>	WELL/PROJECT NO. 2. <i>5-6</i>	LEASE 3. <i>V Stracker</i>	COUNTY/PARISH 4. <i>Ness</i>	STATE 5. <i>KS</i>	CITY 6. <i>Bazine</i>	DATE 7. <i>26 APR 12</i>	OWNER
	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Petromark</i>	RIG NAME/NO. 1	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
	WELL TYPE <i>oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>cement long string</i>	WELL PERMIT NO.	WELL LOCATION <i>6-19-214</i>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE FRK 114	20		M		6.00	120.00
578		1			Pump Charge	1		ea		1500	1500.00
402		1			Centralizer	5 1/2		in	5 ea	70.00	350.00
403		1			Cement Basket	5 1/2		in	1 ea	250.00	250.00
406		1			Latch drum plug & baffle	5 1/2		in	1 ea	250.00	250.00
407		1			insert floor shoe w/ auto fill	5 1/2		in	1 ea	250.00	350.00
419		1			Rotating head rental	5 1/2		in	1 ea	200.00	200.00

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X  
DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  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?				
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

SWIFT OPERATOR *[Signature]* APPROVAL

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 26 APR 12 PAGE NO. 1

CUSTOMER American Water WELL NO. 5-6 LEASE V Stecker JOB TYPE connect long string TICKET NO. 23640

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 st SA 2 1/4" / 100 lb
								102 jts 15.5" 5" casing 4254' 1' of 11/16"
								TD 4255' shot + 4240'
								Cont 1, 2, 3, 4, 20 Bsl + 45 no print collar
	0645							on loc TRK 114
	0735							start SA 15.5" casing in well
	0935							Drop ball - circulate - ROTATE
	0952	4 3/4	12				200	Pump 500 gal mud flush
		4 3/4	20				200	Pump 20 bbl KCL flush
	0955		7					Plug RH <u>30525</u>
	1000	4 3/4	35				200	mix SA-2 cement <u>1455'</u> @ 15.3 ppg
	1008							Drop latch down plug
	1010							wash out Pump & line
	1012	6 3/4					200	Displace plug
		6 3/4	90				800	
	1030	6 3/4	100				1550	Land plug
								Release pressure to truck - drilled up
	1035							wash truck
								Pack up
	1110							job complete
								Thank Doug Dore & BILLY



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

TICKET CONTINUATION

TICKET No. 23640

CUSTOMER Amer. can Water WEL V Steeler 5-6 DATE 26 APR 12 PAGE 2 OF 2

325	1		Standard Cement (for EA-2)	175 sk		13 50	2362 50
284	1		calsoac	800 lb	8 sk	35 00	280 00
283	1		salt	900 lb		0 20	180 00
292	1		halod - 322	125 lb		7 75	968 75
276	1		flake	50 lb		2 00	100 00
281	1		mud flush	500 gal		1 25	6 25 00
221	1		KCL Liquid	2 gal		25 00	50 00
290	1		D AIR	2 gal		35 00	70 00
582	1		Drayage (*)	175		2 00	350 00
581	1		SERVICE CHARGE	175		2 00	350 00
TOTAL WEIGHT				18325	LOADED MILES		20
				TOTAL WEIGHT		LOADED MILES	







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

TICKET  
 No. **23000**

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Ness City, KS</u>	WELL/PROJECT NO. <u>5-6</u>	LEASE <u>V Strecker</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>Bazine</u>	DATE <u>10 May 12</u>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED <u>ET</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
3.	WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement padside of 85'</u>	WELL PERMIT NO.	WELL LOCATION <u>6-19-21</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			UM		
<u>575</u>		<u>1</u>			MILEAGE	<u>20</u>	<u>mi</u>	<u>6.00</u>	<u>120.00</u>
<u>576.3</u>		<u>1</u>			PROP Charge	<u>1</u>	<u>hr</u>	<u>1000.00</u>	<u>1000.00</u>
<u>330</u>		<u>1</u>			SWD cement	<u>125</u>	<u>kg</u>	<u>16.50</u>	<u>2062.50</u>
<u>276</u>		<u>1</u>			F loader	<u>25</u>	<u>lb</u>	<u>2.00</u>	<u>50.00</u>
<u>290</u>		<u>1</u>			D-AIR	<u>1</u>	<u>hr</u>	<u>35.00</u>	<u>35.00</u>
<u>581</u>		<u>1</u>			Service charge	<u>125</u>	<u>hr</u>	<u>2.00</u>	<u>250.00</u>
<u>582</u>		<u>1</u>			Drayage (min)	<u>1</u>	<u>hr</u>	<u>250.00</u>	<u>250.00</u>

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X Scott  
 DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  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	<u>3767.50</u>
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?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	<u>3902.79</u>

7.55  
 TAX  
6.3% 135.29

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR AC APPROVAL \_\_\_\_\_

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 10/12/12 PAGE NO.

CUSTOMER American Warrior WELL NO. 5-6 LEASE U Straker JOB TYPE Cement 88 backside TICKET NO. 23660

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 sk SMD w/ 7# floccle 88 backside
	1615							on loc TRK 114
	1630						500	pressure 5 1/2" casing to 500 psi shut in
	1635	2	48				300	mix SMD cement @ 12.5 ppg 125 sk Pump 1 bbl H <sub>2</sub> O
								close in backside - on a slight vacuum - wash truck
								Rack up
	1715							job complete
								TLK TJ, Blair & DAE



# **Geological Report**

American Warrior, Inc.

**V. Strecker #5-6**

480' FNL & 810' FWL

Sec. 6 T19s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
V. Strecker #5-6  
480' FNL & 810' FWL  
Sec. 6 T19s R21w  
Ness County, Kansas  
API # 15-135-25325-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason T Alm

Spud Date: April, 2012

Completion Date: April, 2012

Elevation: 2128' Ground Level  
2134' Kelly Bushing

Directions: Bazine KS, From West side of town at the  
intersection of Hwy 96 and Austin St. South on  
Austin St. 1 ¼ mi. East into location.

Casing: 1392' 8 5/8" surface casing  
4254' 5 1/2" production casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Jim Svaty"

Problems: None

Remarks: None

## Formation Tops

Formation	American Warrior, Inc. V. Strecker #5-6 Sec. 6 T19s R21w 480' FNL & 810' FWL
Anhydrite	1380', +754
Base	1413', +721
Heebner	3615', -1481
Lansing	3660', -1526
BKc	3986', -1852
Pawnee	4067', -1933
Fort Scott	4149', -2015
Cherokee	4172', -2038
Mississippian	4228', -2094
Osage	4247', -2113
RTD	4254', -2121

### Sample Zone Descriptions

**Miss. Warsaw**

**(4228', -2094): Not Tested**

Dolo – Fine crystalline with poor vuggy porosity, light to fair scattered oil stain in porosity, no show of free oil, light odor, dull yellow fluorescents, 14 units hotwire.

**Miss. Osage**

**(4247', -2113): Covered in DST #1**

Dolo – Δ – Fine sucrosic crystalline with fair inter-crystalline and vuggy porosity, heavy triptolitic chert, very weathered with very good vuggy porosity, fair to good oil stain in porosity, good show of free oil, strong odor, bright yellow fluorescents, 80 units hotwire.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Jim Svaty"

**DST #1**

**Mississippian Osage**

Interval (4242' - 4252') Anchor Length 10'

IHP	- 2172 #	
IFP	- 45" - Built to 7 in.	18-48 #
ISI	- 45" - Dead	1187 #
FFP	- 45" - B.O.B. 43 min.	52-72 #
FSI	- 45" - W.S.B.	1208 #
FHP	- 2117 #	
BHT	- 117°F	

Recovery:	200' GIP	
	60' CGO	Gravity 41° API
	60' GMCO	80% Oil
	60' GOCM	5% Oil

**Structural Comparison**

	American Warrior, Inc. V. Strecker #5-6 Sec. 6 T19s R21w 480' FNL & 810' FWL	American Warrior, Inc. V. Strecker #1-6 Sec. 6 T19s R21w 990' FNL & 330' FEL		American Warrior, Inc. V. Strecker #2-31 Sec. 31 T18s R21w 100' FSL & 460' FWL	
<b>Formation</b>					
Anhydrite	1380', +754	1378', +758	(-4)	1382', +752	(+2)
Base	1413', +721	NA	NA	NA	NA
Heebner	3615', -1481	3606', -1470	(-11)	3610', -1476	(-5)
Lansing	3660', -1526	3653', -1517	(-9)	3654', -1520	(-6)
BKc	3986', -1852	NA	NA	NA	NA
Pawnee	4067', -1933	4058', -1922	(-11)	4158', -1924	(-9)
Fort Scott	4149', -2015	4138', -2002	(-13)	4140', -2006	(-9)
Cherokee	4172', -2038	4158', -2022	(-16)	4160', -2026	(-12)
Mississippian	4228', -2094	4220', -2084	(-10)	4244', -2110	(+6)
Osage	4247', -2113	4220', -2084	(-29)	4244', -2110	(-3)

## Summary

The location for the V. Strecker #5-6 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 5½ inch production casing to further evaluate the V. Strecker #5-6 well.

## Recommended Perforations

**Primary:**

Mississippian Osage (4247' – 4252') DST #1

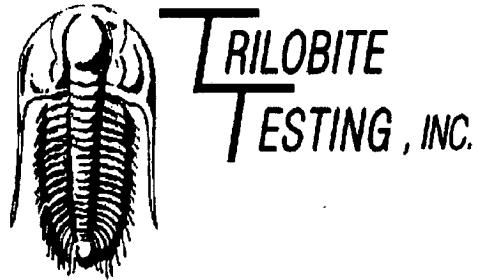
**Before Abandonment:**

Mississippian Warsaw (4228' – 4245') Not Tested

Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.





## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City KS 67846

ATTN: Jason Alm

**V Strecker #5-6**

**6-19s-21w Ness,KS**

Start Date: 2012.04.25 @ 14:45:00

End Date: 2012.04.25 @ 22:30:00

Job Ticket #: 45713                      DST #: 1

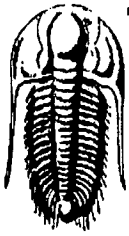
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.04.27 @ 14:34:12

American Warrior Inc 6-19s-21w Ness,KS V Strecker #5-6 DST # 1 Mississippi 2012.04.25



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Jason Alm

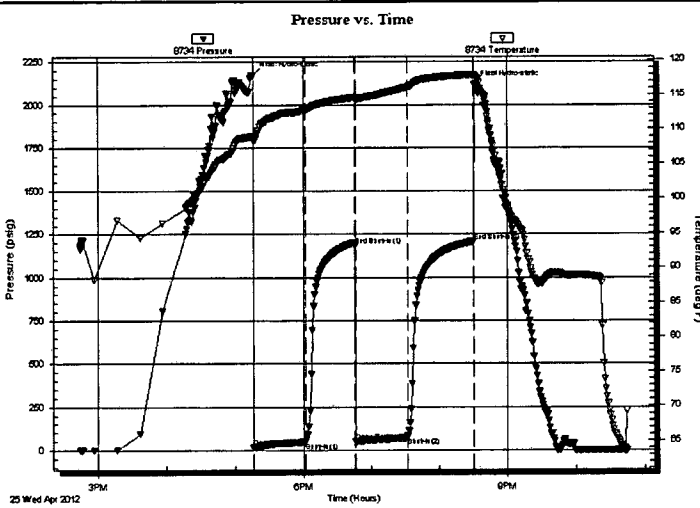
**6-19s-21w Ness,KS**  
**V Strecker #5-6**  
Job Ticket: 45713      **DST#: 1**  
Test Start: 2012.04.25 @ 14:45:00

### GENERAL INFORMATION:

Formation: **Mississippi**  
Deviated: **No** Whipstock: 2134.00 ft (KB)  
Time Tool Opened: 17:16:30  
Time Test Ended: 22:30:00  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Jim Svaty & Paul  
Unit No: 41  
Interval: **4242.00 ft (KB) To 4252.00 ft (KB) (TVD)**  
Reference Elevations: 2134.00 ft (KB)  
Total Depth: 4252.00 ft (KB) (TVD)      2128.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 6.00 ft

**Serial #: 8734**      **Outside**  
Press@RunDepth: 71.77 psig @ 4243.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.04.25      End Date: 2012.04.25      Last Calib.: 2012.04.25  
Start Time: 14:45:01      End Time: 22:44:30      Time On Btm: 2012.04.25 @ 17:16:00  
Time Off Btm: 2012.04.25 @ 20:31:00

**TEST COMMENT:** 45-IFP- Surface Blow Building to 7 in  
45-ISIP- No Blow  
45-FFP- BOB in 43 min  
60-FSIP- Surface Blow Died in 5 min



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2171.90	108.86	Initial Hydro-static
1	18.29	108.42	Open To Flow (1)
46	47.77	112.76	Shut-In(1)
90	1186.69	114.57	End Shut-In(1)
90	52.71	114.25	Open To Flow (2)
136	71.77	116.05	Shut-In(2)
194	1208.25	117.84	End Shut-In(2)
195	2116.50	117.80	Final Hydro-static

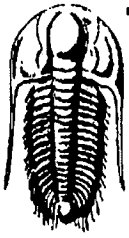
### Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 5%g 5%o 90%m	0.30
60.00	GMCO 10%g 10%m 80%o	0.84
60.00	GCO 10%g 90%o	0.84
0.00	200' 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: Jason Alm

**6-19s-21w Ness,KS**  
**V Strecker #5-6**  
Job Ticket: 45713      **DST#: 1**  
Test Start: 2012.04.25 @ 14:45:00

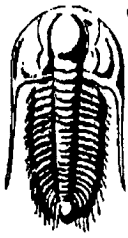
### Tool Information

Drill Pipe:	Length: 4174.00 ft	Diameter: 3.80 inches	Volume: 58.55 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 59.00 ft	Diameter: 2.25 inches	Volume: 0.29 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 58.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4242.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4220.00	
Hydraulic tool	5.00			4225.00	
Jars	5.00			4230.00	
Safety Joint	2.00			4232.00	
Packer	5.00			4237.00	27.00      Bottom Of Top Packer
Packer	5.00			4242.00	
Stubb	1.00			4243.00	
Recorder	0.00	6669	Inside	4243.00	
Recorder	0.00	8734	Outside	4243.00	
Perforations	6.00			4249.00	
Bullnose	3.00			4252.00	10.00      Bottom Packers & Anchor

**Total Tool Length: 37.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc  
PO Box 399  
Garden City KS 67846  
ATTN: Jason Alm

**6-19s-21w Ness,KS**  
**V Strecker #5-6**  
Job Ticket: 45713      **DST#: 1**  
Test Start: 2012.04.25 @ 14:45:00

**Mud and Cushion Information**

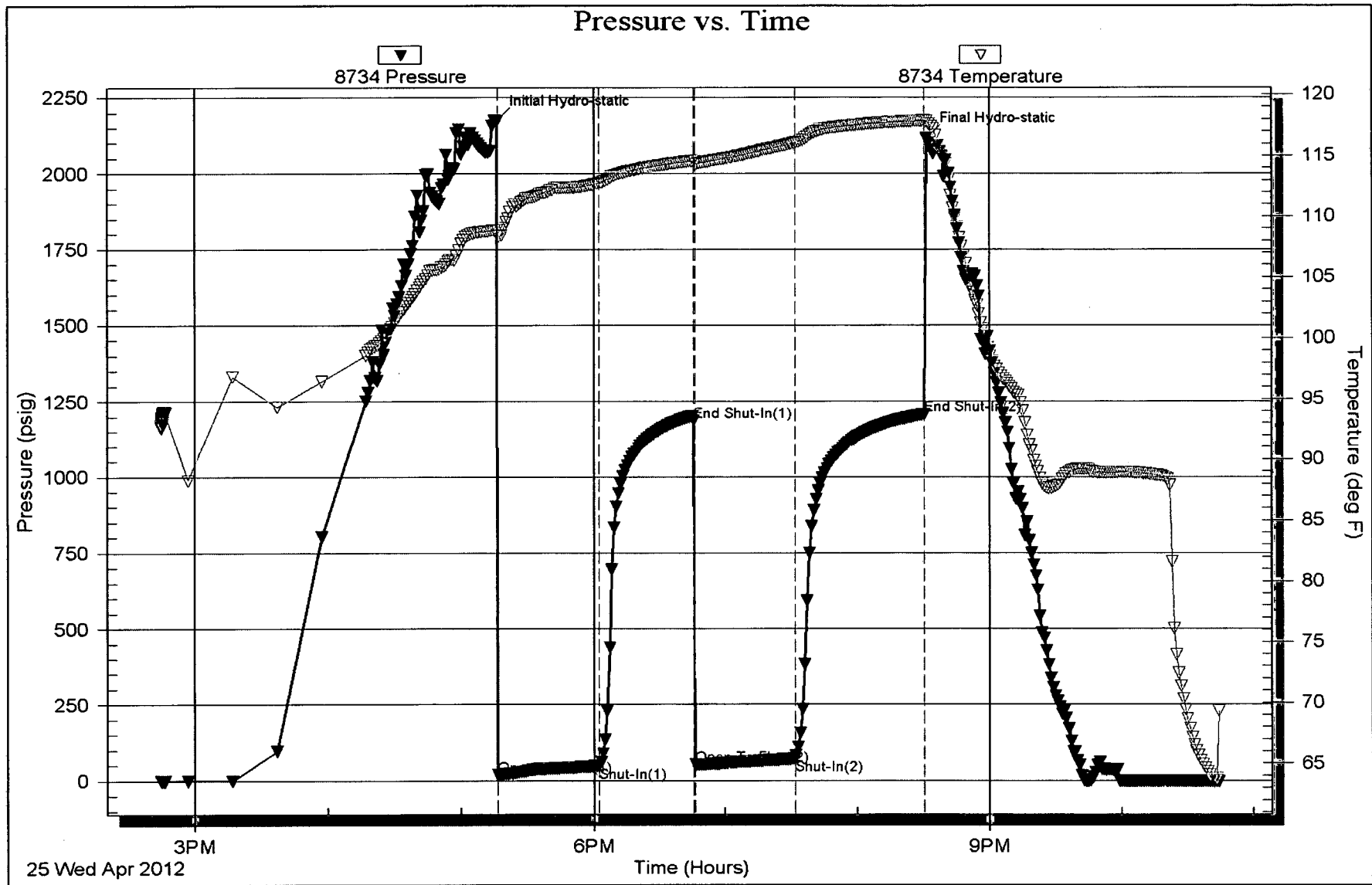
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.74 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5200.00 ppm			
Filter Cake: inches			

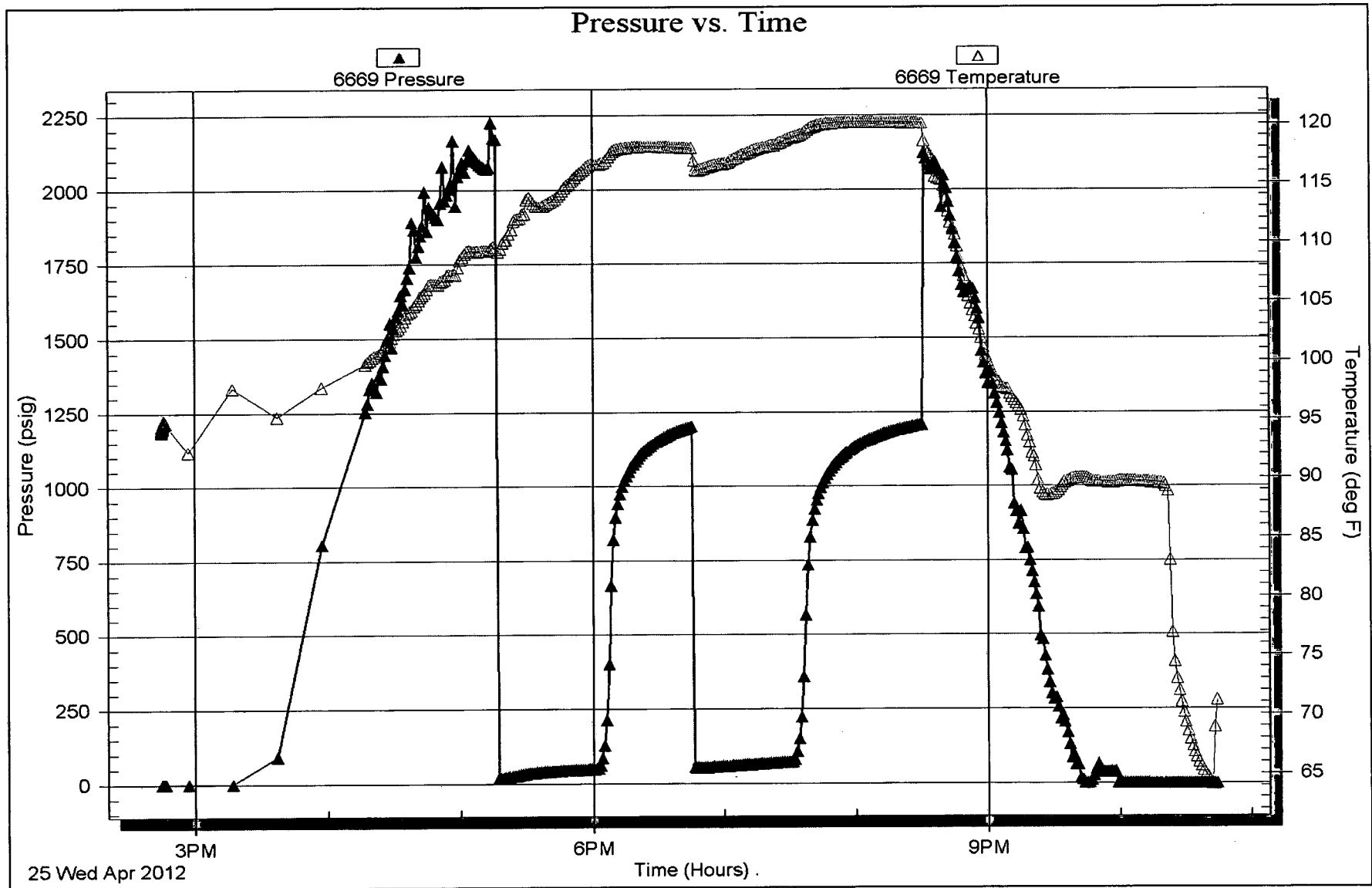
**Recovery Information**

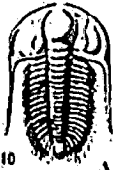
Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 5%g 5%o 90%m	0.304
60.00	GMCO 10%g 10%m 80%o	0.842
60.00	GCO 10%g 90%o	0.842
0.00	200' GIP	0.000

Total Length: 180.00 ft      Total Volume: 1.988 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:







# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
APR 26 2012

## Test Ticket

NO. 45713

Well Name & No. U Streaker 5-b Test No. 1 Date 4/25/12  
 Company Amersco Warner Elevation 2134 KB 2128 GL  
 Address 3118 Cummings Rd. Garden City KS. 67846  
 Co. Rep / Geo. Sasha Alm Rig Petro mark #1  
 Location: Sec. 6 Twp. 19S Rge. 21W Co. Ness State KS

Interval Tested 4242-4252 Zone Tested Ness  
 Anchor Length 10 Drill Pipe Run 4174 Mud Wt. 9.4  
 Top Packer Depth 4237 Drill Collars Run 59 Vis 64  
 Bottom Packer Depth 4242 Wt. Pipe Run 0 WI. 8.8  
 Total Depth 4252 Chlorides 5200 ppm System LCM 0

Blow Description IFP - Surface Blow Building to 7"  
FSIP - No Blow  
FFP - BOB in 43 min  
F-SIP - Surface Blow Died in 5 min

Rec	Feet of	Grav	%gas	%oil	%water	%mud
15	Feet of GCO	10	90			
60	Feet of G.M.C.O	10	80		10	
60	Feet of G.O.C.M	5	5		90	
200	Feet of G.I.P					

Rec Total 135 BHT 117 Gravitly 41 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2171  Test 1250 T-On Location 1400  
 (B) First Initial Flow 18  Jars 250 T-Started 1445  
 (C) First Final Flow 47  Safety Joint 75' T-Open 17:15  
 (D) Initial Shut-In 1186  Circ Sub T-Pulled 20:30  
 (E) Second Initial Flow 52  Hourly Standby T-Out 22:44  
 (F) Second Final Flow 71  Mileage 105 RT 112.75 Comments F.S.I.P. went 60 BECAUSE OF  
 (G) Final Shut-In 1208  Sampler Electric problem on Rig  
 (H) Final Hydrostatic 2116  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies

Initial Open 45  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 45 60  
 Day Standby  
 Accessibility  
 Sub Total 1737.75  
 MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative [Signature]  
 Trilobite Testing Inc. shall not be liable for damaged or 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, tool's lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.