

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'BRATE BEACH 1-27
Doc ID	1318705

All Electric Logs Run

Induction
Porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'BRATE BEACH 1-27
Doc ID	1318705

Tops

Name	Top	Datum
Anhy	1844	+983
Heebner	3953	-1126
Lansing	3999	-1172
B/KC	4503	-1676
Marmaton	4526	-1699
Pawnee	4602	-1775
Ft.Scott	4628	-1801
Cherokee	4642	-1815
Morrow	4786	-1959
St.Gen	4804	-1977

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'BRATE BEACH 1-27
Doc ID	1318705

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	'4604'to 4614		



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

TICKET 29250

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City KS</u>	WELL/PROJECT NO. <u>#1-27</u>	LEASE <u>O'Brute Beach</u>	COUNTY/PARISH <u>Finnery</u>	STATE <u>KS</u>	CITY <u>Pierreville</u>	DATE <u>8-17-16</u>	OWNER <u>Same</u>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Duke Drilling</u>		RIG NAME/NO. <u>#1</u>	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>Cement 8 5/8 Deep Surface</u>		WELL PERMIT NO.	WELL LOCATION <u>Pierreville - 1 1/2 g, 1 1/2 y Sink</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT		
		LOC	ACCT	DF			U/M					
575		1			MILEAGE		90	m.	5	00	450	00
576 D		1			Pump Charge - Deep Surface		1	job	1250	00	1250	00
400		1			Guide Shoe		1	ea	350	00	350	00
409		1			Turbolizer		3	ea	95	00	285	00
410		1			Top Plug		1	ea	120	00	120	00
412		1			Baffle Plate		1	ea	110	00	110	00
194		1			Plug Container Rental		1	job	200	00	200	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 Mike Reddy
 DATE SIGNED 8-17-16 TIME SIGNED 1130 A.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 #1	2765	00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL #2	14723	25
WE UNDERSTOOD AND MET YOUR NEEDS?				Finnery CO. TAX		966 31
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TOTAL		18454 56
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				<input type="checkbox"/> YES <input type="checkbox"/> NO <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 ticket.

SWIFT OPERATOR David Kuehn APPROVAL _____

Thank You!



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

TICKET CONTINUATION

TICKET No. # 29250

CUSTOMER American Warrior Inc

WELL O'Brate Beach

DATE 8-17-16

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE		AMOUNT									
		LOC	ACCT	DF			QTY	U/M	QTY	U/M												
330		1				SMD Cement					650	slks	15	75	10237	50						
276		1				Floccle	1/4	16			160	lbs	2	25	360	00						
281		1				Mud flush					500	gal	1	25	625	00						
221		1				Liquid KCl					2	gal	25	00	50	00						
240		1				D-Air					7	gal	42	00	294	00						
581		1				SERVICE CHARGE					CUBIC FEET				650	1 50	975	00				
583		1				MILEAGE CHARGE					TOTAL WEIGHT				6460	LOADED MILES	90	TON MILES	2909	0 75	2181	75

CONTINUATION TOTAL 14723.25

JOB LOG

SWIFT Services, Inc.

DATE 8-17-16 PAGE NO.

CUSTOMER American Warrior WELL NO. #1-27 LEASE O'Brate Branch JOB TYPE Deep Surface TICKET NO. 29250

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0930							on location 8 3/8 24"
								RTD- 1700 TP- 1699 SJ- 42.21 Turbo- *5 " 20 " 30
	1030							Start 8 3/8 24" casing in well
	1210							Break Circulation
	1330	6	12		✓	200		Pump 500 gal Mud Flush
		6	20		✓	200		Pump 20 bbl KCL Flush
	1340	6	71		✓	200		mix 150 sks SMD 1/4" Flo @ 11.8 ppg
		6	115		✓	200		mix 300 sks @ 12.5 ppg
		6	31		✓	100		mix 100 sks @ 13.5 ppg
		6	26		✓	100		mix 100 sks @ 14.5 ppg
								wash out Pump + Lines Release Top Plug
	1425	6	∅		✓	100		Start Displacement
		6	75		✓	300		circulate cement to surface *60 sks*
	1445	∅	105.3		✓	600		Land Top Plug
								Shut in Release Pressure *Hold*
								wash up truck
	1500							Job Complete

Thank You
Dave Jason Preston Isaac



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

TICKET 29569

PAGE 1 OF

SERVICE LOCATIONS: 1. **NESS CITY, KS.** WELL/PROJECT NO. **1-27** LEASE **OBRATE-BEACH** COUNTY/PARISH **FINNEY** STATE **KS.** CITY **PIERCEVILLE, KS.** DATE **25 AUG 16** OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR **DUKE DRILLING RIG #1** RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **5 1/2 LONGSTRING** WELL PERMIT NO. WELL LOCATION **1 1/2 S, 1 1/2 W, S1W10**
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575					MILEAGE #115	100	mz		5.00	500.00
578					PUMP CHARGE	1	JOB		1250.00	1250.00
402					CENTRALIZERS	10	EA.		60.00	600.00
403					CEMENT BASKETS	2	EA.		250.00	500.00
406					LATCH DOWN PLUG & BAFFLE	1	EA.		225.00	225.00
407					INSERT FLOAT SHOE W/FILL	1	EA.		300.00	300.00
419					ROTATING HEAD RENTAL	1	JOB		200.00	200.00
281					MUD FLUSH	500	gal		1.25	625.00
221					KCL	2	gal		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 *[Signature]*
 DATE SIGNED **25 AUG 16** TIME SIGNED **1630** 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?				4250.00
WE UNDERSTOOD AND MET YOUR NEEDS?				4625.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				8875.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				4724.80
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 9348.42
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

Finney Co. TAX 7.6590



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

TICKET CONTINUATION

TICKET No. 25969

CUSTOMER AMERICAN WARRIOR WELL OBRATE-BEACH-27 DATE 25 AUG 16 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
275						FLOCELE	50	lbs			2 ²⁵	112	50
283						SALT	900	lbs			2 ⁰	180	00
284						CALSEAL	8	sx			30 ⁰⁰	240	00
292						HALAD 322	125	lbs			8 ⁰⁰	1000	00
325						STANDARD EA-2	175	sx			12 ²⁵	2143	75
581						SERVICE CHARGE					1 ⁵⁰	262	50
583						MILEAGE CHARGE	18325		LOADED MILES 160		75	687	19

CONTINUATION TOTAL 4625.93
4625.94

JOB LOG

SWIFT Services, Inc.

DATE 25 AUG 66 PAGE NO.

CUSTOMER AMERICAN WARRIOR

WELL NO.

LEASE OBRATE BEACH 127

JOB TYPE 5 1/2 LONGSTRING

TICKET NO. 29569

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100							ON LOCATION
	1140							START PIPE 5 1/2 - 17" RIDESDSO SHOE ST. 23.00 CENTRALIZERS 1,2,4,6,8,10,12,14,16,18 BASKETS 7,17
	1450				✓			DROP BALL - CIRCULATE
	1517	6	12		✓	200		Pump 500 GAL MUD FLUSH
		6	20		✓	200		Pump 20 BBL KCL SPACER
	1524		7.5					PLUG RA-30sx - MA-20sx
	1528	4 1/2	30		✓			MIX 1253x EA-2
	1540							WASH OUT Pump & LINES
	1543	6 1/2			✓			START DISPLACING PLUG
	1602	Ø	117		✓	1500		PLUG DOWN LATCH PLUG TN.
	1604				✓			RELEASE PSI - DRY
	1608							WASH TRUCK
	1630							JOB COMPLETE
								THANKS #114
								JASON FLINT ISAAC

Leta Park

From: ks@occinc.com
Sent: Tuesday, October 04, 2016 8:01 AM
To: kwiles@awioil.com; lpark@awioil.com
Subject: STANDARD 16507004

KANSAS ONE CALL

Ticket No:	16507004	STANDARD	NEW
Send To:	SANDHL01	Seq No: 1	Map Ref:
Original Call Date:	10/04/16	Time: 7:50 AM	Op: ksjrodr
Work to Begin Date:	10/07/16	Time: 12:01 AM	
Transmit Date:	10/04/16	Time: 8:00 AM	Op: ksian

CALLER INFORMATION

Company:	RITE WAY CONSTRUCTION	Best Time:	
Caller Name:	JERRY FERRIS	Phone:	(580)233-0738
Alt. Name:	JERRY'S CELL CALL 1ST	Phone:	(580)554-9958
Caller Address:	BOX 3748 ENID, OK 73702	Fax Phone:	(580)233-8363
Email Address:	jf.riteway@gmail.com		

EXCAVATION INFORMATION

Type of Work:	ABANDON TANK BATTERY SITE		
Explosives: N	Duration: 1 DAY	Trenchless Ex.:	N
Work Being Done For:	SANDRIDGE ENERGY		

LOCATION INFORMATION

County:	COMANCHE	Place:	COLDWATER
Address / Street:	AVE F At: HWY 183		

Location of Work:

FROM INTERSECTION GO 6-1/2 MILES W ON AVE F, THEN GO N INTO SANDRIDGE LOCATION. MARK ENTIRE PROPERTY WITHIN THE FENCED IN LOCATION. GPS IS 37.3093 -99.4477. SITE NAME IS MARIAH 3120 3-26H.

Remarks:

WORK INCLUDES REMOVAL OF ELECTRICAL PIPING, ANCHORS

Map Twp:	31S	Rng:	20W	Sect-Qtr:	36-NW,35-NE,26-SE,25-SW		
Map NW Lat:	37.310691	Lon:	-99.456396	SE Lat:	37.308856	Lon:	-99.447319

MEMBER INFORMATION

KANSAS ONE-CALL WILL NOTIFY THE FOLLOWING UNDERGROUND FACILITY OPERATOR(S):

ATT401	- ATT DISTRIBUTION	(800)778-9140	GPMGAS02	- DCP MIDSTREAM	(580)921-1702
SANDHL01	- AMERICAN WARRIOR	(620)275-2963	SNDRDG01	- SAND RIDGE E	(405)429-5715

YOU MUST CONTACT ANY OTHER UTILITIES DIRECTLY

[Link To Map for SANDHL01](#)

Kerstetter



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67846

ATTN: Kevin Timpson

O'Brate Beach #1-27

27-25s-31w Finney,KS

Start Date: 2016.08.22 @ 18:07:15

End Date: 2016.08.23 @ 01:27:00

Job Ticket #: 65601 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.08.24 @ 08:25:45



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Kevin Timpson

27-25s-31w Finney, KS

O'Brate Beach #1-27

Job Ticket: 65601 **DST#: 1**
Test Start: 2016.08.22 @ 18:07:15

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:28:15
Time Test Ended: 01:27:00
Interval: **4590.00 ft (KB) To 4610.00 ft (KB) (TVD)**
Total Depth: 4610.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 81
Reference Elevations: 2827.00 ft (KB)
2814.00 ft (CF)
KB to GR/CF: 13.00 ft

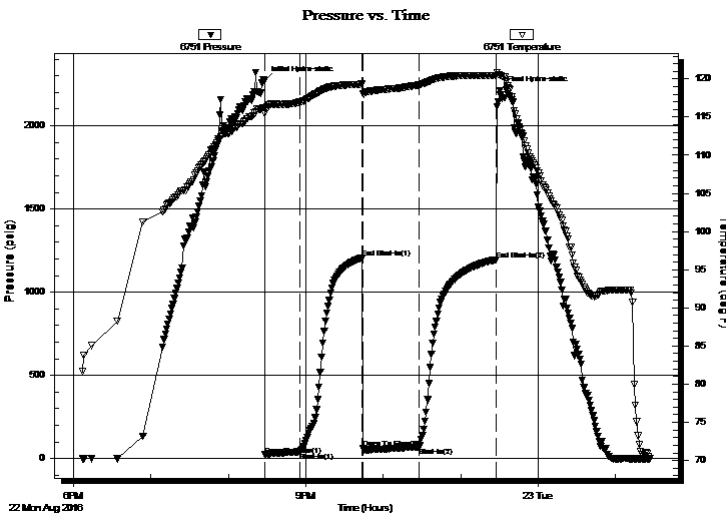
Serial #: 6751

Outside

Press@RunDepth: 70.40 psig @ 4591.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.08.22 End Date: 2016.08.23 Last Calib.: 2016.08.23
Start Time: 18:07:15 End Time: 01:27:00 Time On Btm: 2016.08.22 @ 20:28:00
Time Off Btm: 2016.08.22 @ 23:30:30

TEST COMMENT: IF:BOB in 5 min.
IS:Return blow built to weak surface flow
FF:BOB instantly
FS:Return blow built to 1" blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2270.53	116.21	Initial Hydro-static
1	22.88	115.49	Open To Flow (1)
27	40.77	116.95	Shut-In(1)
76	1204.42	119.31	End Shut-In(1)
77	63.33	118.12	Open To Flow (2)
120	70.40	119.20	Shut-In(2)
180	1193.86	120.46	End Shut-In(2)
183	2209.69	120.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP= 3162	0.00
30.00	free oil 100% o	0.42
62.00	mcgo 12%m 13%g 75%o	0.87
62.00	ocgm 2%o 30%g 68%m	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

27-25s-31w Finney,KS

PO Box 399
Garden City KS 67846

O'Brate Beach #1-27

Job Ticket: 65601

DST#: 1

ATTN: Kevin Timpson

Test Start: 2016.08.22 @ 18:07:15

Tool Information

Drill Pipe:	Length: 4571.00 ft	Diameter: 3.80 inches	Volume: 64.12 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 64.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4590.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4563.00	
Shut In Tool	5.00			4568.00	
Hydraulic tool	5.00			4573.00	
Jars	5.00			4578.00	
Safety Joint	3.00			4581.00	
Packer	5.00			4586.00	28.00 Bottom Of Top Packer
Packer	4.00			4590.00	
Stubb	1.00			4591.00	
Recorder	0.00	8672	Inside	4591.00	
Recorder	0.00	6751	Outside	4591.00	
Perforations	14.00			4605.00	
Bullnose	5.00			4610.00	20.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.
PO Box 399
Garden City KS 67846
ATTN: Kevin Timpson

27-25s-31w Finney,KS
O'Brate Beach #1-27
Job Ticket: 65601 **DST#: 1**
Test Start: 2016.08.22 @ 18:07:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 29 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1900.00 ppm		
Filter Cake: 1.00 inches		

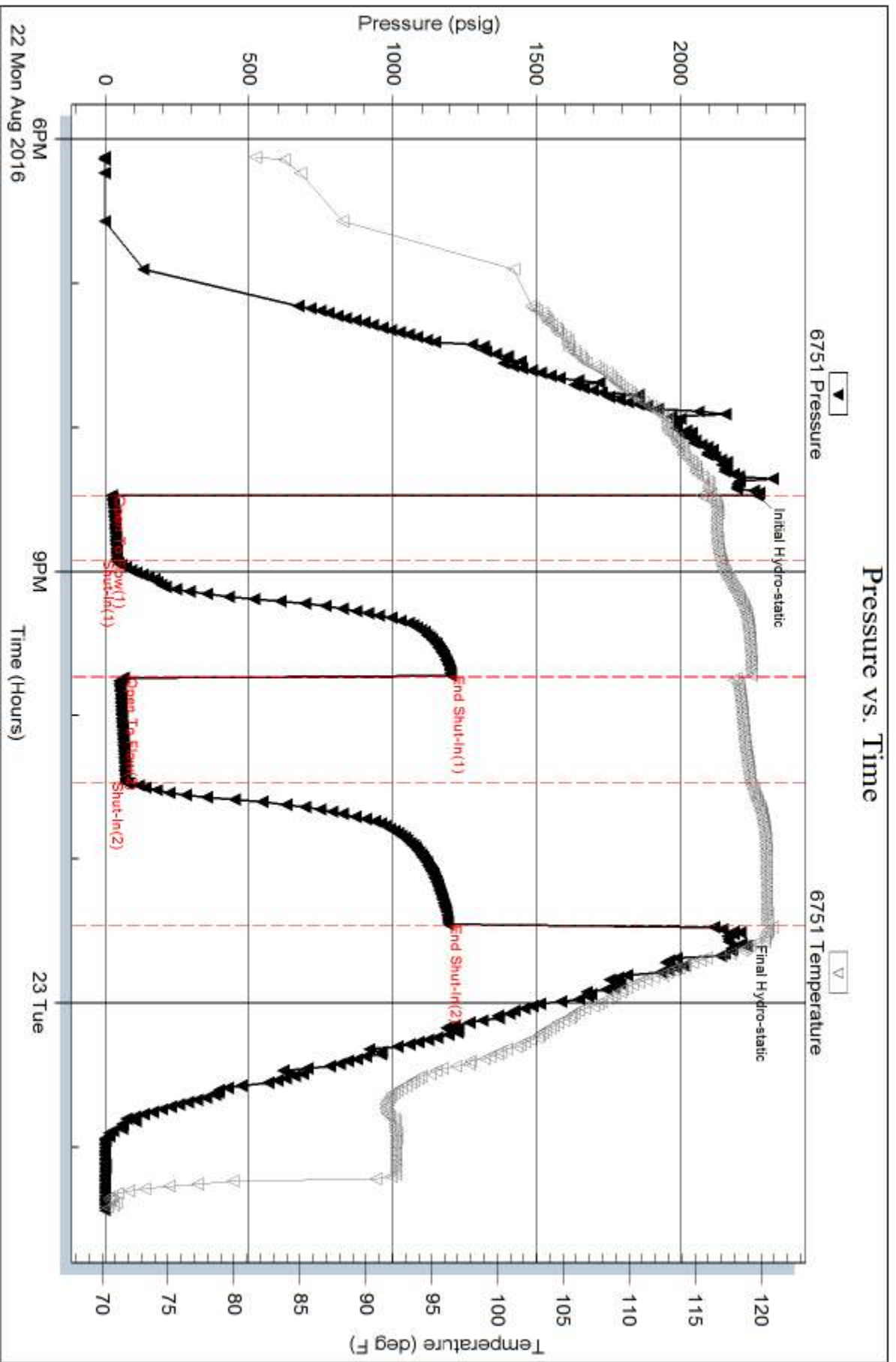
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP= 3162	0.000
30.00	free oil 100% o	0.421
62.00	mcgo 12%m 13%g 75%o	0.870
62.00	ocgm 2%o 30%g 68%m	0.870

Total Length: 154.00 ft Total Volume: 2.161 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API 29@ 60

Pressure vs. Time



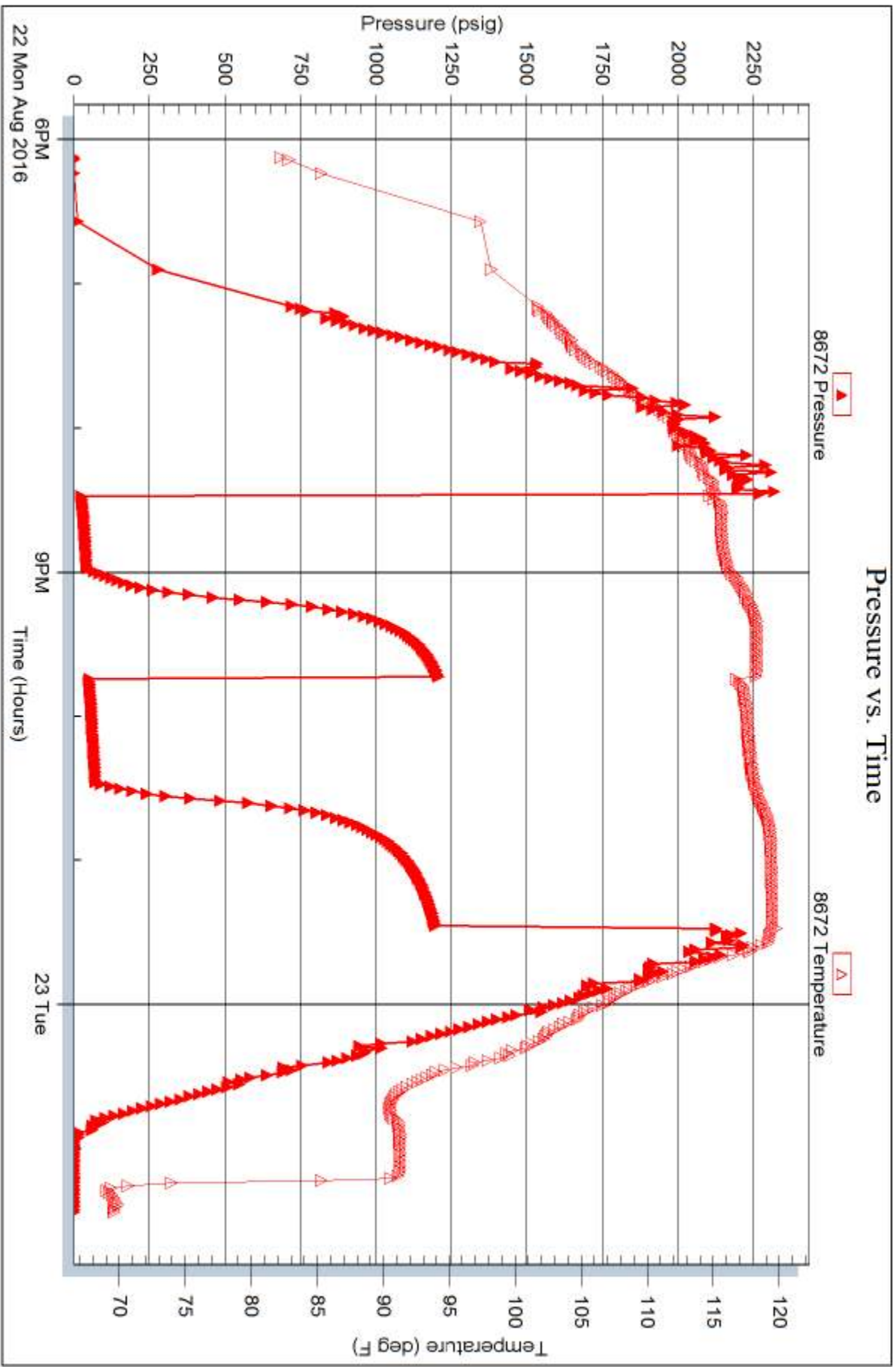
Serial #: 8672

Inside

American Warrior Inc.

OBrate Beach #1-27

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65601

Printed: 2016.08.24 @ 08:25:47



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65601**

Well Name & No. O'Brate - Beach #1-27 Test No. 1 Date 8-22-16
 Company American Warrior, Inc Elevation 2827 KB 2814 GL
 Address 3118 Cummings Rd P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Kevin Timpson Rig Duke 1
 Location: Sec. 27 Twp. 25 Rge. 31 Co. Finney State KS

Interval Tested 4590-4610 Zone Tested Pawnee
 Anchor Length 20 Drill Pipe Run 4571 Mud Wt. 9.4
 Top Packer Depth 4585 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 4590 Wt. Pipe Run 0 WL 8.0
 Total Depth 4610 Chlorides 1900 ppm System LCM 2
 Blow Description IF: BOB in 5 min.
IS: Weak Surface Blow
FF: BOB instantly
FS: Return Blow Built to 1"

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>Feet of GIP = 3162'</u>	<u>100</u>			
<u>30</u>	<u>Feet of Free Oil</u>		<u>100</u>		
<u>62</u>	<u>Feet of mcgo</u>	<u>13</u>	<u>75</u>		<u>12</u>
<u>62</u>	<u>Feet of OCGM</u>	<u>30</u>	<u>2</u>		<u>68</u>

Rec Total 154 BHT 120 Gravity 29 API RW - @ - °F Chlorides - ppm

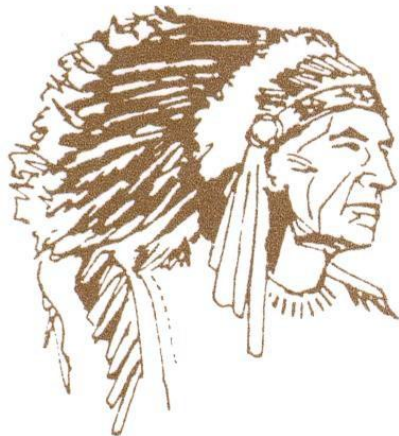
(A) Initial Hydrostatic <u>2270</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00/-</u>	T-On Location <u>17:35</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>18:07</u>
(C) First Final Flow <u>40</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>20:27</u>
(D) Initial Shut-In <u>1204</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>23:27</u>
(E) Second Initial Flow <u>63</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>01:27</u>
(F) Second Final Flow <u>70</u>	<input checked="" type="checkbox"/> Mileage <u>BT=122 = \$91.50/-</u>	Comments <u>Loaded Tools</u>
(G) Final Shut-In <u>1193</u>	<input type="checkbox"/> Sampler <u>Mileage x 2</u> 91.50	<u>09:00 8-24-16</u>
(H) Final Hydrostatic <u>2209</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1658.00</u>
	<input type="checkbox"/> Accessibility <u>1658.00</u>	MP/DST Disc't
	Sub Total <u>\$1565.50/-</u>	

Approved By _____ Our Representative Mike Roberts

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.
O'Brate-Beach #1-27
751' FNL & 2296' FWL
Sec 27, T25s, R31w
Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Beach #1-27
751' FNL & 2296' FWL
Sec. 27, T25s, R31w
Finney County, Kansas
API # 15-055-22434-00-00

Drilling Contractor: Duke Drilling Co. Rig #1

Geologist: Kevin Timson

Spud Date: August 16, 2016

Completion Date: August 25, 2016

Elevation 2815' G.L.
2827' K.B.

Directions: From Pierceville, Go South on Main street 1.3 miles
turn West into on lease road.

Casing: 1699' 8 5/8" #24 Surface Casing
5050' 5 1/2" #17 Production Casing

Samples: 3800' to RTD 10' Wet & Dry

Drilling Time: 3800' to RTD

Electric Logs: Pioneer Energy Services
"D.Schmidt" Full Sweep

Drillstem Tests: One "Mike Roberts" Trilobite Testing

Problems: After first DST, gas unit was useless

Formation Tops

O'Brate-Beach #1-27

Sec. 27, T25s, R31w

751' FNL & 2296' FWL

Anhydrite	1844' +983
Heebner	3953' -1126
Lansing	3999' -1172
Stark	4375' -1548
Bkc	4503' -1676
Marmaton	4526' -1699
Pawnee	4602' -1775
Fort Scott	4628' -1801
Cherokee	4642' -1815
Morrow	4786' -1959
St. Gen	4804' -1977
RTD	5050' -2223
LTD	5052' -2225

Sample Description(s)

Pawnee Limestone: (4602' -1775) Ls. Off white/tan. Medium to sub crystalline. Fair Oomoldic porosity, fair oolycastic porosity. Poor stain. Poor saturation. Fair to good odor. No show of free oil. Fair to good bright yellow stream cut. 55 unit hotwire.

St Louis 'C': (4922' -2095) Ls. Tan. Medium to sub crystalline. Poor oomoldic porosity. Fair oolycastic porosity. Fair stain. Fair saturation. Fair odor. Show of free oil when broken. Bright yellow stream cut dull yellow full cut.

Drill Stem Tests

DST #1

Pawnee

Interval (4590' - 4610') Anchor Length: 20'

IHP - 2271#

IFP - 30" -BOB in 5 min 23-41#

ISI - 45" -WSB 1204#

FFP - 45" -BOB instantly 63-70#

FSIP - 60" -Return blow built to 1" 1194#

FHP -2210#

BHT -120° F

Recovery: 30' Free Oil Gravity: 29

62' MCGO (75% Oil)

62' OCGM (2% Oil)

3162' GIP

Structural Comparison

	American Warrior, Inc.		American Warrior, Inc.		Continental Energy
	O'Brate-Beach #1-27		O'Brate-Finney #3-15		Beach #1-35
	Sec 27, T25s, R31w		Sec 35, T32s, R31w		Sec 35, T25s, R31w
Formation	751' FNL & 2296' FWL		3300' FSL & 1980' FEL		2835' FSL & 2620' FEL
Heebner	3953' -1126	-16	3911' -1110	+41	3986' -1167
Lansing	3999' -1172	-22	3961' -1160	+31	4022' -1203
Stark	4375' -1548	-19	4330' -1529	+36	4403' -1584
BKc	4503' -1676	-19	4458' -1657	+39	4534' -1715
Marmaton	4526' -1699	-18	4482' -1681	+37	4555' 1736
Pawnee	4602' -1775	-22	4554' -1753	+38	4632' -1813
Fort Scott	4628' -1801	-19	4583' -1782	+38	4658' -1839
Cherokee	4642' -1815	-19	4597' -1796	+37	4671' -1852
Morrow	4786' -1959	-18	4742' -1941	+45	4823' -2004
St. Genieve	4804' -1977	-18	4760' -1959	+39	4835' -2016

Summary

The location for the O'Brate-Beach #1-27 well was found via 3-D seismic. The new well ran structurally lower than expected. One DST was conducted, which recovered commercial quantities of oil from the Pawnee Limestone Formation. After all the gathered data had been examined, the decision was made to run 5 1/2" production casing to further evaluate the O'Brate-Beach #1-27 well.

Perforations:

Primary:	St. Louis	(4922'-4926')
Secondary:	Atoka	(4768'-4778')
	Fort Scott	(4635'-4637')
	Pawnee	(4604'-4614')
Before Abd:	Marmaton	(4560'-4564')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

