Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1252750

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 # 4058
Name: American Warrior, Inc.
Address 1: 3118 CUMMINGS RD
Address 2: PO BOX 399
City: GARDEN CITY State: KS Zip: 67846 + __ __ __ __
Contact Person: Joe Smith
Phone: (620) 275-2963
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Kevin Timson
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 #:

04/07/2015	04/15/2015	05/12/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22402-00-00
Spot Description:
SW SW NE NE Sec. 5 Twp. 23 S. R. 32 ☐ East ☑ West
1018 Feet from ☑ North / ☐ South Line of Section
1154 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Finney
Lease Name: O'Brate Finney Well #: 8-5
Field Name:
Producing Formation: St.Louis
Elevation: Ground: 2856 Kelly Bushing: 2867
Total Vertical Depth: 4950 Plug Back Total Depth: 4810
Amount of Surface Pipe Set and Cemented at: 1693 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: 15000 ppm Fluid volume: 65 bbls
Dewatering method used: Evaporated

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: 05/20/2015
☑ **Confidential Release Date:** 05/19/2017
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 05/21/2015

[redacted]

1252750

Operator Name: American Warrior, Inc. Lease Name: O'Brate Finney Well #: 8-5

Sec. 5 Twp. 23 S. R. 32 ☐ East ☑ West County: Finney

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Induction
Porosity
Micro

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ 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	12.250	8.625	24	1693	Class A	825	3%CC, 2% gel
Production	7.875	5.5	17	4936	EA-2	125	1/4# Floseal

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	Depth
4	4745'to 4752		
	4810'CIBP		
4	4816'to4832		
	4838'CIBP		
4	4840'to 4844		

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate Finney 8-5
Doc ID	1252750

Tops

Name	Top	Datum
Anhy	1944'	+923
B/Anhy	2010'	+857
Heebner	3857'	-990
Lansing	3903'	-1036
B/KC	4382'	-1515
Marmaton	4406'	-1539
Pawnee	4483'	-1616
Ft.Scott	4507'	-1640
Cherokee	4518'	-1651
Morrow	4684'	-1817
Mississippian	4717'	-1850

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate Finney 8-5
Doc ID	1252750

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.250	8.625	24	1693	Class A	825	3%CC, 2% gel
Production	7.875	5.5	17	4936	EA-2	125	1/4# Floseal

ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

Date 4/8/2015 District Liberal # 21 Ticket No. 64532
Company AMERICAN WARRIOR Rig DUKE # 10
Lease O"BRATE FINNEY Well No 8-5
County FINNEY CO. State KS.
Location
Field
Casing Data ☐ Conductor ☐ PTA ☐ Squeeze ☐ Misc.
☑ Surface ☐ Intermediate ☐ Production ☐ Liner
Size 8 5/8 Type j-55 Weight 24 # Collar

Casing Depths Top Bottom 1693.16 FT.

CEMENT DATA
Spacer Type 10 BBL,S H20
Amt. Sks Yield ft³/sk Density 8.34 PPG

LEAD: Time hrs. Type ALWC 1 CLASS A
3% CC BWOC, 1/2 LB SK FLOSEAL Excess 100%
Amt. 625 Sks Yield 2 ft³/sk Density 12.46 PPG
TAIL: Time hrs. Type CLASS C NEAT
3% CC, 1/4 LB/SK FLOSEAL Excess 100%
Amt. 200 Sks Yield 1.2 ft³/sk Density 14.83 PPG
WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total 187 BBLS

Pump Trucks Used: 531-541
Bulk Equipment 774-744
994-642

Drill Pipe:	BBLS/LIN. FT		LIN. FT/BBL	
Open Hole:	BBLS/LIN. FT		LIN. FT/BBL	
Capacity Factors:	BBLS/LIN. FT		LIN. FT/BBL	
Casing	BBLS/LIN. FT	0.0637	LIN. FT/BBL	15.698
Open Holes	BBLS/LIN. FT		LIN. FT/BBL	
Drill Pipe	BBLS/LIN. FT		LIN. FT/BBL	
Annulus	BBLS/LIN. FT	0.0735	LIN. FT/BBL	13.605
	BBLS/LIN. FT		LIN. FT/BBL	

Perforations From ft to ft Amt

Float Equipment: Manufacturer WEATHERFORD
Shoe: Type GUIDESHOE Depth 1693.16 FT.
Float: Type AFU INSERTFLOAT Depth 1650 FT.
Centralizers: Quantity 3 Plugs Top 1 Bottom
Stage Collars
Special Equipment 1 basket
Disp: Fluid Type H20 Amt 105 bbls Weight 8.34 PPG
Mud Type Weight

COMPANY REPRESENTATIVE ALEX CEMENTER Ruben Chavez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	
11:30 PM.						Got To Location Spot Trucks, And Rig Up.
1:40						Have A Prejob Safety Meeting
2:10 AM.	220		2	2	2	Pump 2 BBls H20 To Fill Pump Lines
2;13						PRESSURE TEST 2000 pumping lines
2:15	220		10	8	4	Start pumpin g spacer 8 bbls h20
2:18	250		232.3	222.3	7	Start pumping lead cement 625 SK CEMENT, 222.3 bbls slurry.
2:50	260		275.1	42.8	5.5	Start pumpin g tail cement, 200 sk, 42.8 bbls slurry.
2:58						Shut down
						Wash pumping lines
3:02						Drop the plug
	0				5	Start displacement
3:08	150		305.1	30	7	Catch up cement pressure at
3:17	550		370.1	65	3	Slowdown pumping rate to 3 bpm.
3:20	600		380.6	10.5		Finished displacment
	1100					B ump the plug at 1000 PSI
						Circulate30 bbls slurry to pit.
3:25	1100					Release the pressure; float held good.
						Job finished
						Rig down
						Thankyou

FINAL DISP. PRESS. 600 PSI BUMP PLUG TO 1100 PSI BLEEDBACK 0.5 BBLS THANK YOU

SWIFT Services, Inc.

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

TICKET 28370

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Ness City KS	8-5	Obrate Finney	Finney	KS	Garden City	15APR15	
2.	TICKET TYPE ☐ SERVICE ☐ SALES	CONTRACTOR DUKE	RIG NAME/NO. 10	SHIPPED VIA CT	DELIVERED TO location	ORDER NO.	
3.	WELL TYPE Oil	WELL CATEGORY Development	JOB PURPOSE cement long string		WELL PERMIT NO.	WELL LOCATION 5-23-32	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
575		1			MILEAGE TRK 114	90	mi			5 00	450 00
578		1			Pump Charge	1	ea			1250 00	1250 00
402		1			Centralizer	5½	in	9	ea	60 00	540 00
403		1			Cement Basket	5½	in	1	ea	250 00	250 00
406		1			Latch down plug & baffle	5½	in	1	ea	225 00	225 00
407		1			Insert Float shoe w/ AUTO FILL	5½	in	1	ea	300 00	300 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 ☑ A.M. ☐ P.M. 0730

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?			
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? ☐ YES ☐ NO

☐ CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 1	3015 60
2	5316 ~~38~~ 22
subtotal	8330 ~~38~~ 22
Finney TAX 7.3%	419 77
TOTAL	8750 99

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

SWIFT OPERATOR AB Bell | APPROVAL

Thank You!

SWIFT Services, Inc.

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

TICKET CONTINUATION

TICKET No. 28370

CUSTOMER: American Warrior | WELL: OBrate Fisher 8-5 | DATE: 15 APR 15 | PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	TIME	DESCRIPTION	QTY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
325		1				STANDARD cement (for EA-2)	175	sk			12 25	2143 75
284		1				Calseal	800	lb	8	sk	30 00	240 00
283		1				Salt	900	lb			0 20	180 00
292		1				Halad-322	125	lb			8 00	1000 00
276		1				Flocele	50	lb			2 25	112 50
290		1				D-AIR	2	gal			42 00	84 00
281		1				mudflush	500	gal			1 25	625 00
221		1				KCL liquid	2	gal			25 00	50 00
581		1				SERVICE CHARGE	175	CUBIC FEET			1 50	262 50
583		1				MILEAGE CHARGE — TOTAL WEIGHT 18325 — LOADED MILES 90		TON MILES	82463			618 47

CONTINUATION TOTAL: 5315 38 22

JOB LOG

SWIFT Services, Inc.

DATE 15 APR 15 | PAGE NO. 1

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
American Warrior	8-5	Brata-Finney	cement long string	28378

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
								175 sk SA-2 cement w/ 4# Flocele
								5½" x 17# casing 4936' total pipe
								shoe jt 21.4'
								Centralizer 1, 2, 3, 4 6 8, 10 12, 15
								Basket #10
	0250							on loc TRK 114
	0310							start 5½" x 17# casing in well
	0535							Drop ball - circulate
	0622	4	12				200	Pump 500 gal mudflush
		4	20				200	Pump 20 bbl KCL flush
			7					Plug RH - MH 30 sk - 20 sk
	0636		35					Mix SA-2 cement 125 sk @ 15.3 ppg
								Drop latch down plug
								wash out pump & line
	0655	6¼					200	Displace plug
		6¼	90				500	
		6¼	110				800	
	0715		114				1600	Land plug
								Release pressure to truck - dried up
	0718							wash truck
								Rack up
	0750							job complete
								thanks
								Blain, Flint & crew

DRILL STEM TEST REPORT

American Warrior

3118 Cummings Rd
Garden City, Ks 67846

ATTN: Kevin Timson

5-23-32 Finney, Ks

O Brate Finney 8-5

Job Ticket: 61536 **DST#: 1**

Test Start: 2015.04.13 @ 10:26:59

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:24:59
Time Test Ended: 17:26:59

Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 79

Interval: 4680.00 ft (KB) To 4726.00 ft (KB) (TVD)
Total Depth: 4726.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

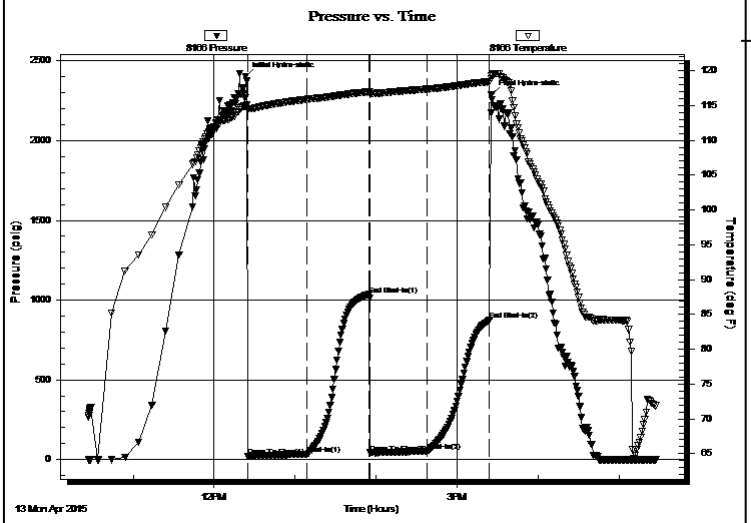
Reference Elevations: 2867.00 ft (KB)
2855.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8166 **Outside**

Press@RunDepth: 52.26 psig @ 4681.00 ft (KB)
Start Date: 2015.04.13 End Date: 2015.04.13
Start Time: 10:27:04 End Time: 17:26:58

Capacity: 8000.00 psig
Last Calib.: 2015.04.13
Time On Btm: 2015.04.13 @ 12:23:29
Time Off Btm: 2015.04.13 @ 15:25:29

TEST COMMENT: IF: BOB in 20 min.
IS: No return.
FF: BOB in 1 min.
FS: Surface blow died in 15 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2403.58	115.00	Initial Hydro-static
2	22.35	114.38	Open To Flow (1)
46	33.73	115.90	Shut-In(1)
91	1034.81	116.97	End Shut-In(1)
92	41.72	116.67	Open To Flow (2)
135	52.26	117.37	Shut-In(2)
181	873.00	118.42	End Shut-In(2)
182	2287.97	119.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	mcgo 20%g 40%o 40%m	1.33
31.00	go 10%g 90%o	0.43
0.00	729 GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

3118 Cummings Rd
Garden City, Ks 67846

ATTN: Kevin Timson

5-23-32 Finney, Ks

O Brate Finney 8-5

Job Ticket: 61536 **DST#: 1**

Test Start: 2015.04.13 @ 10:26:59

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	30 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

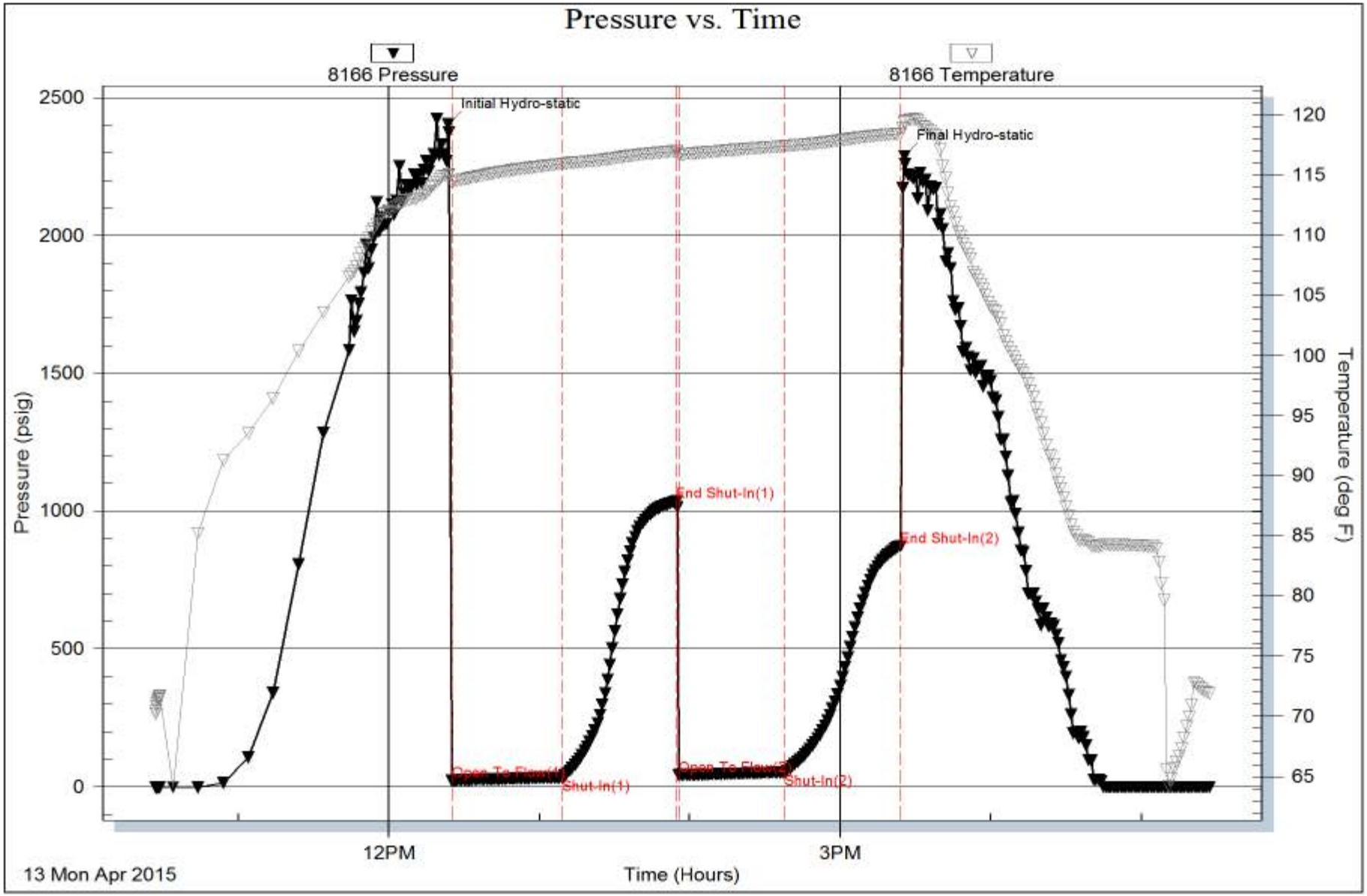
Recovery Table

Length ft	Description	Volume bbl
95.00	mcgo 20%g 40%o 40%m	1.333
31.00	go 10%g 90%o	0.435
0.00	729 GIP	0.000

Total Length: 126.00 ft Total Volume: 1.768 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 32@80=30

Serial #: 8166 **Outside** American Warrior O Brate Finney 8-5 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 61536 Printed: 2015.04.14 @ 08:18:17

Geological Report

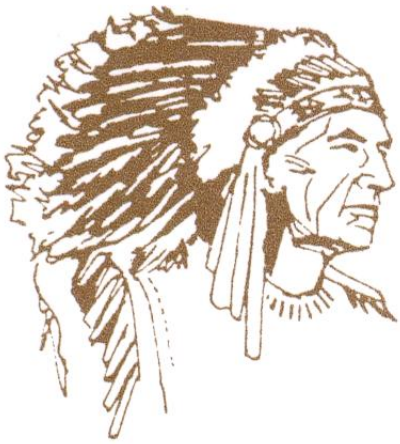
American Warrior, Inc.

O'Brate-Finney #8-5

1018’ FNL & 1154’ FEL

Sec. 5, T23s, R32w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. O'Brate-Finney #8-5 1018’ FNL & 1154’ FEL Sec. 5, T23s, R32w Finney County, Kansas API # 15-055-22402-00-00
Drilling Contractor:	Duke Drilling Co. Rig #10
Geologist:	Kevin Timson
Spud Date:	April 7, 2015
Completion Date:	April 15, 2015
Elevation	2856’ G.L. 2867’ K.B.
Directions:	From Garden City, KS, go North on Hwy 83 5 miles to Six Mile Rd. Go East one mile to Third St. Go North 2 miles and East on lease road. South and East into.
Casing:	1693' 8 5/8" #24 Surface Casing 4936' 5 1/2" #17 Production Casing
Samples:	3800’ to RTD 10’ Wet & Dry
Drilling Time:	3750’ to RTD
Electric Logs:	Pioneer Energy Services “J. Long” Stack-Mirco
Drillstem Tests:	One-Trilobite Testing “Brandon Turley"
Problems:	None

Formation Tops

O'Brate-Finney #8-5

Sec. 5, T23s, R32w

1018’ FNL & 1154’ FEL

Anhydrite	**1944' +923**
Base	**2010' +857**
Heebner	**3857' -990**
Lansing	**3903' -1036**
Stark	**4245' -1378**
BKc	**4382' -1515**
Marmaton	**4406' -1539**
Pawnee	**4483' -1616**
Fort Scott	**4507' -1640**
Cherokee	**4518' -1651**
Morrow	**4684' -1817**
Miss	**4717' -1850**
RTD	**4950' -2083**
LTD	**4949' -2080**

Sample Zone Descriptions

Morrow **(4684’, -1817):** **Covered in DST #1**

Ss. Gray. Glauconitic. Med to coarse grains. Poor to fairly cemented. Well rounded. Good stain. Good saturation. Good show of free oil. Fair odor. 50 Unit kick.

St. Louis **(4717', -1850):** **Not Tested**

Ls. Tan. Sub crystalline. Fair oolycastic porosity. Good stain. Fair saturation. Show of free oil. Fair odor. 60 unit kick.

Drill Stem Tests

Trilobite Testing

"Brandon Turley"

DST #1 **Morrow**

Interval (4680'- 4726') Anchor Length 46'

IHP	-2403 #	
IFP	- 45" – BOB in 20 min	22-33 #
ISI	- 45" – No Return	1034 #
FFP	- 45" – BOB in 1 min	41-52 #
FSIP	- 45" - WSB died in 15 min	873 #
FHP	- 2287 #	
BHT	- 118° F	

Recovery: 31' GO (90% Oil) Gravity: 30

95' MCGO (40% Oil)

729' GIP

Structural Comparison

Formation	**American Warrior, Inc. O'Brate-Finney #8-5 Sec. 5, T23s, R32w 1018' FNL & 1154' FEL**		American Warrior, Inc. O'Brate-Finney #6-5 Sec. 5, T23s, R32w 357' FNL & 2497' FEL		American Warrior, Inc. O'Brate-Finney #3-5 Sec 5, T23s, R32w 2178' FSL & 2165' FWL
Heebner	**3857' -990**	**-17**	3845' -973	**+3**	3852' -993
Lansing	**3903' -1036**	**-16**	3892' -1020	**+6**	3901' -1042
Stark	**4245' -1378**	**-26**	4224' -1352	**+2**	4239' -1380
BKC	**4382' -1515**	**-28**	4359' -1487	**+8**	4382' -1523
Marmaton	**4406' -1539**	**-25**	4386' -1514	**+12**	4410' -1551
Pawnee	**4483' -1616**	**-23**	4465' -1593	**+11**	4486' -1627
Fort Scott	**4507' -1640**	**-24**	4488' -1616	**+12**	4511' -1652
Cherokee	**4518' -1651**	**-22**	4501' -1629	**+19**	4529' -1670
Morrow	**4684' -1817**	**-28**	4663' -1791	**+21**	4697' -1838
Miss	**4717' -1850**	**-16**	4706' -1834	**+63**	4772' -1913

Summary

The location for the O'Brate-Finney #8-5 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem tests was conducted, which did recover commercial quantities of oil from the Morrow Sandstone 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-Finney #8-5 well.

Perforations

Primary:	**St. Louis**	**(4840' - 4844')**	**Not Tested**
Secondary:	**St. Louis**	**(4826' - 4834')**	**Not Tested**
	St. Louis	**(4816' - 4821')**	**Not Tested**
	St. Louis	**(4794' - 4800')**	**Not Tested**
	St. Louis	**(4745' - 4752')**	**Not Tested**
	Morrow	**(4698' - 4702')**	**DST #1 (FRAC?)**
Before Abandonment:	**Pawnee**	**(4485' - 4492')**	**Not Tested**