



KANSAS CORPORATION COMMISSION 1054691  
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>03/07/2011</u>	<u>03/15/2011</u>	<u>04/05/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25222-00-00

Spot Description: \_\_\_\_\_  
SE NE NE NE Sec. 31 Twp. 18 S. R. 21  East  West  
530 Feet from  North /  South Line of Section  
180 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Ness

Lease Name: Schniepp Well #: 3-31 NE

Field Name: \_\_\_\_\_

Producing Formation: Mississippian

Elevation: Ground: 2120 Kelly Bushing: 2126

Total Depth: 4236 Plug Back Total Depth: 4235

Amount of Surface Pipe Set and Cemented at: 1379 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: 25000 ppm Fluid volume: 80 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: American Warrior, Inc

Lease Name: Strecker License #: 4058

Quarter SW Sec. 06 Twp. 19 S. R. 21  East  West

County: Ness Permit #: D19026

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 Garrison Date: \_\_\_\_\_



1054691

Operator Name: American Warrior, Inc. Lease Name: Schniepp Well #: 3-31 NE  
 Sec. 31 Twp. 18 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 <i>(Attach Additional Sheets)</i>	<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 <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Dual Receiver Cement Bond			

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	1379	SMD	425	1/4# flocele
Production	7.875	5.5	15.5	4235	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	0-2200	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 <i>(Amount and Kind of Material Used)</i>	Depth
8	4228.5-4234.5		

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4229</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>04/05/2011</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>35</u>	Gas Mcf	Water Bbls. <u>2</u>	Gas-Oil Ratio <u>39</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4228.5-4234.5</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Schniepp 3-31 NE
Doc ID	1054691

Tops

Anhydrite	1365	761
Heebner	3595	-1469
Lansing	3639	-1513
BKC	3965	-1839
Pawnee	4043	-1917
Ft. Scott	4127	-2001
Cherokee	4144	-2018
Mississippian	4203	-2077
TD	4236	-2110



CHARGE TO:  
**American Woodco Inc**  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET  
**20063**

PAGE **1** OF **1**

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

WELL/PROJECT NO. **3-31** LEASE **SCHWEIPP** COUNTY/PARISH **NESS** STATE **Ks** CITY **NESS** DATE **3-9-11** OWNER **SAME**

TICKET TYPE  SERVICE  SALES CONTRACTOR **PERFORMAK DRILL #1** RIG NAME/NO. **LOCATION** SHIPPED VIA **CT** DELIVERED TO **LOCATION** ORDER NO.

WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **8 5/8" SURFACE** WELL PERMIT NO. **RAVINE, KS - 1E, S JARD**

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575		1			MILEAGE # 110	20	MI		5.00	100.00
5760		1			PUMP CHARGE	1	JOB	1379	1100	1100.00
221		1			LIQUID KCL	2	Gal		25.00	50.00
281		1			MUD FLUSH	500	Gal		1.00	500.00
401		1			INSERT FLOAT W/O AUTO FILL	1	EA	8 5/8"	250.00	250.00
409		1			TURBOIZERS	4	EA		90.00	360.00
410		1			TOP PLUG	1	EA		100.00	100.00
330		1			SWIFT MOLTZ - DENSOY STANDARDS	425	SKS		15.00	6375.00
276		1			FLOCELS	106	LBS		1.50	159.00
290		1			A-ADR	4	Gal		35.00	140.00
581		1			SERVICE CHARGE CEMENT	425	SKS		1.50	637.50
583		1			DRIVAGE	422.96	LBS	422.96	1.00	422.96

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 **3-9-11** TIME SIGNED **1430**  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?				10194.46
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			TAX
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

SWIFT OPERATOR **Waxie Wilson** APPROVAL

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE **3-9-11** PAGE NO. **1**

CUSTOMER **AMERICAN WOODCOCK**

WELL NO. **3-31**

LEASE **SCHWEI PP**

JOB TYPE **8 5/8" SURFACE**

TICKET NO. **20063**

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1430							ON LOCATION
	1545							START 8 5/8" Casing IN WELL
								TD-1379' SET-1379'
								TP-1381' 8 5/8" # 23
								ST-14'
								CONCENTRATIONS - 1, 4, 12, 27
	1730							BREAK CIRCULATION
	1750	7	12		✓			400 PUMP 500 GAL MUD FLUSH
	1752	7	20		✓			400 PUMP 20 BBS KCl-FLUSH
	1800	6 1/2	46		✓		350	MAX CONCENT - 100 SKS = 11.8 PPG
			48		✓			125 SKS = 12.5 PPG
			31		✓			100 SKS = 13.5 PPG
		6 1/2	26		✓		150	100 SKS = 14.5 PPG
	1808							RELEASE PLUG
	1830	7	0		✓			REPLACE PLUG
	1842	6	87 1/2				450	PLUG DOWN - SHUT IN
								CIRCULATED 35 SKS CONCENT TO PET
								WASH TRUCK
	1930							JOB COMPLETE
								THANK YOU
								WARNE, JEFF, DAVID



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

TICKET  
20169

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. Ness City KS WELL/PROJECT NO. 3-31 LEASE Schniepp COUNTY/PARISH ness STATE KS CITY Bazina DATE 15 MAR 11 OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR RIG NAME/NO. 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 31-185-21W  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	20				5.00	100.00
578		1			Pump Charge	1				1400.00	1400.00
402		1			Centralizer	5 1/2		5	ea	65.00	325.00
403		1			Cement Basket	5 1/2		1	ea	230.00	230.00
406		1			Latch down plug & baffle	5 1/2		1	ea	225.00	225.00
407		1			Insert float shoe w/ AUTO FILL	5 1/2		1	ea	300.00	300.00
419		T			<del>Rotating head control</del>	<del>5 1/2</del>		<del>1</del>	<del>ea</del>	<del>150.00</del>	<del>150.00</del>

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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?				2580.00
WE UNDERSTOOD AND MET YOUR NEEDS?				4620.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				7200.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TAX
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  
 X [Signature]  
 DATE SIGNED TIME SIGNED  A.M.  P.M.

SWIFT OPERATOR AK Campbell APPROVAL [Signature] CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES  
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 15 MAR 11 PAGE NO.

CUSTOMER American Warrior WELL NO. 3-31 LEASE Schniepp JOB TYPE Cement long string TICKET NO. 20169

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks SA-2 w/ floccula + total 322 5 1/2 15.5" casing
	1700							on loc TRK 114
	1740							start 5 1/2" casing in well
	1940							Drop ball circulate - <del>ROTATE</del>
	2015	4 3/4					300	Pump 500 gal mud flush Pump 20 bbl KCl flush
	2020		7					Plug RH 30 sks
	2025	4 3/4	42				300	mix cement 145 sks SA-2 @ 15.4 gpg wash out pump & lines
	2034							Drop latch down plug
	2040	6 3/4					300	Displace plug
	2100	10 3/4	90 101				850 1500	Plug down Release pressure to truck - dried up wash truck.
	2120							job complete X Laks Blaine Lane & Dave



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

TICKET CONTINUATION

TICKET No. 20169

CUSTOMER American Warrior  
WELL Schniepp 3-31  
DATE 15 MAR 11  
PAGE 2 OF 2

Item No.	Quantity	Description	Unit	Rate	Amount	Balance
325	1	Standard Cement (For EA-2)	175 sk	12.00	2100.00	
284	1	Cal Seal	8 gal	30.00	240.00	
283	1	Salt	900 lb	0.15	135.00	
292	1	hald -322	125 lb	7.50	937.50	
276	1	Exale	50 lb	1.50	75.00	
290	1	D-AIR	2 gal	35.00	70.00	
281	1	mod flush	50 gal	1.00	500.00	
221	1	KCL liquid	2 gal	25.00	50.00	
581	1	Service Charge	175 gal	1.50	262.50	
582	1	Drayage (minimum)	1 ea	250.00	250.00	
SERVICE CHARGE				CUBIC FEET		
TOTAL WEIGHT			LOADED MILES	TON MILES		

4620.00





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

TICKET  
**20605**

PAGE 1 OF 1

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

WELL/PROJECT NO. LEASE **SCHNIEPP3-31NE** COUNTY/DISTRICT **NESS** STATE **KS** CITY **BAZINE, KS.** DATE **25 MAR 11** OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR RIG NAME/NO. SHIPPED VIA DELIVERED TO **LOCATION/DN** ORDER NO.  
 3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **CEMENT 8 5/8 ANNULUS** WELL PERMIT NO. WELL LOCATION **1E, STUTU**  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575		1			MILEAGE #110	20	mil	5	100	100
577		1			PUMP CHARGE	1	588	850		850
276		1			FLOCELE	32	lbs	1	48	48
290		1			D-AIR	1	gal	35		35
330		1			SWIFT MULTI DENSITY	125	sq	15		1875
581		1			SERVICE CHARGE CEMENT	125	sq	1		187
582		1			MINIMUM DRAUAGE	12392	lb	250		250

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

X **Scott**  
 DATE SIGNED **25 MAR 11** TIME SIGNED **1200**  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?				<b>3345</b>
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		TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				<b>3468</b>

TAX **6.3%** **123**

SWIFT OPERATOR **Frank Roubert**

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES APPROVAL  
**Thank You!**

**JOB LOG**

**SWIFT Services, Inc.**

DATE 25 MAR 11 PAGE NO. 1

CUSTOMER  
**AMERICAN WARRIOR**

WELL NO.

LEASE

**SCHNEPP 331 NE CEMENT 8 7/8 ANNULUS**

JOB TYPE

TICKET NO.

**20605**

CHART NO.	TIME	RATE (GPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030							ON LOCATION
	1031				✓		500	PRESSURE UP CASING SHUT IN
	1037	3 1/2			✓	500		TAKE INJECTION RATE
	1042	3 1/2	59		✓	500		MIX 1255x 5MD @ 11.7ppg.
	1125							SHUT WELL IN.
	1130							WASH TRUCK
	1200							JOB COMPLETE
								THANKS # 110
								JASON JEFF JOE.

# **Geological Report**

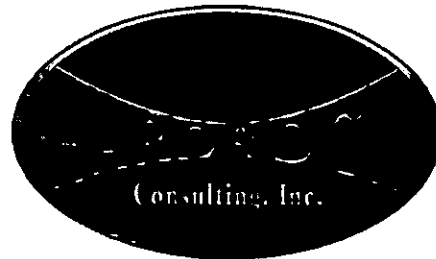
American Warrior, Inc.

**Schniepp #3-31NE**

530' FNL & 180' FEL

Sec. 31 T18s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Schniepp #3-31NE  
530' FNL & 180' FEL  
Sec. 31 T18s R21w  
Ness County, Kansas  
API # 15-135-25222-0000

Drilling Contractor: Petromark Drilling, LLC Rig # 1

Geologist: Jason Alm

Spud Date: March 7, 2011

Completion Date: March 15, 2011

Elevation: 2120' Ground Level  
2126' Kelly Bushing

Directions: Bazine KS, ½ mi. East on Hwy 96, South into location.

Casing: 1379' 8 5/8" surface casing  
4235' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Dustin Rash"

Problems: None

Remarks: DST #1 slid 4-6 ft. to bottom causing the tool to plug during the initial flow.

## Formation Tops

Formation	
Anhydrite	1365', +761
Base	1400', +726
Heebner	3595', -1469
Lansing	3639', -1513
BKc	3965', -1839
Pawnee	4043', -1917
Fort Scott	4127', -2001
Cherokee	4144', -2018
Mississippian	4203', -2077
Osage	4228', -2102
RTD	4236', -2110

American Warrior, Inc.

Schniepp #3-31NE

Sec. 31 T18s R21w

530' FNL & 180' FEL

## Sample Zone Descriptions

**Mississippian Osage (4215', -2090):** Covered in DST #1

Dolo - Δ - Fine sucrosic crystalline with poor to fair inter-crystalline and vuggy porosity, heavy trip chert with fair to good vuggy porosity, light to good oil stain and saturation in porosity, show of free oil, fair yellow cut fluorescents, fair odor, 35 units hotwire.

**Drill Stem Tests**  
 Trilobite Testing, Inc.  
 "Dustin Rash"

**DST #1**

**Mississippian Osage**

Interval (4228' - 4234') Anchor Length 6'

IHP	- 2154 #	
IFP	- 30" - W.S.B. (plugging action)	51-65 #
ISI	- 30" - Dead	1339 #
FFP	- 45" - Built to 8 in.	62-102 #
FSI	- 45" - Dead	1334 #
FHP	- 2082 #	
BHT	- 113°F	

Recovery: 166' GMCWO 40% Oil, 10% Water

**Structural Comparison**

<b>Formation</b>	<b>American Warrior, Inc. Schniepp #3-31NE Sec. 31 T18s R21w 530' FNL &amp; 180' FEL</b>	<b>American Warrior, Inc. Schniepp #2-31NE Sec. 31 T18s R21w 720' FNL &amp; 760' FEL</b>	<b>American Warrior, Inc. Schniepp #1-31NE Sec. 31 T18s R21w 2150' FNL &amp; 900' FEL</b>
Anhydrite	1365', +761	1369', +756	1375', +756
Base	1400', +726	1404', +721	1409', +722
Heebner	3595', -1469	3596', -1471	3600', -1469
Lansing	3639', -1513	3641', -1516	3646', -1515
BKc	3965', -1839	3962', -1837	3968', -1837
Pawnee	4043', -1917	4041', -1916	4047', -1916
Fort Scott	4127', -2001	4124', -1999	4129', -1998
Cherokee	4144', -2018	4140', -2015	4144', -2013
Mississippian	4203', -2077	4205', -2080	4220', -2089
Osage	4228', -2102	4215', -2090	4233', -2102

(+5)  
(+5)  
(+2)  
(+3)  
(-2)  
(-1)  
(-2)  
(-3)  
(+3)  
(-12)

(+5)  
(+4)  
FL  
(+2)  
(-2)  
(-1)  
(-3)  
(-5)  
(+12)  
FL

## **Summary**

The location for the Schniepp #3-31NE was found via 3-D seismic survey. The new well ran structurally lower than 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 examined the decision was made to run 5 1/2 inch production casing to further evaluate the Schniepp #3-31NE well.

## **Recommended Perforations**

<b>Mississippian Osage:</b>	<b>(4228' – 4234')</b>	<b>DST #1</b>
-----------------------------	------------------------	---------------

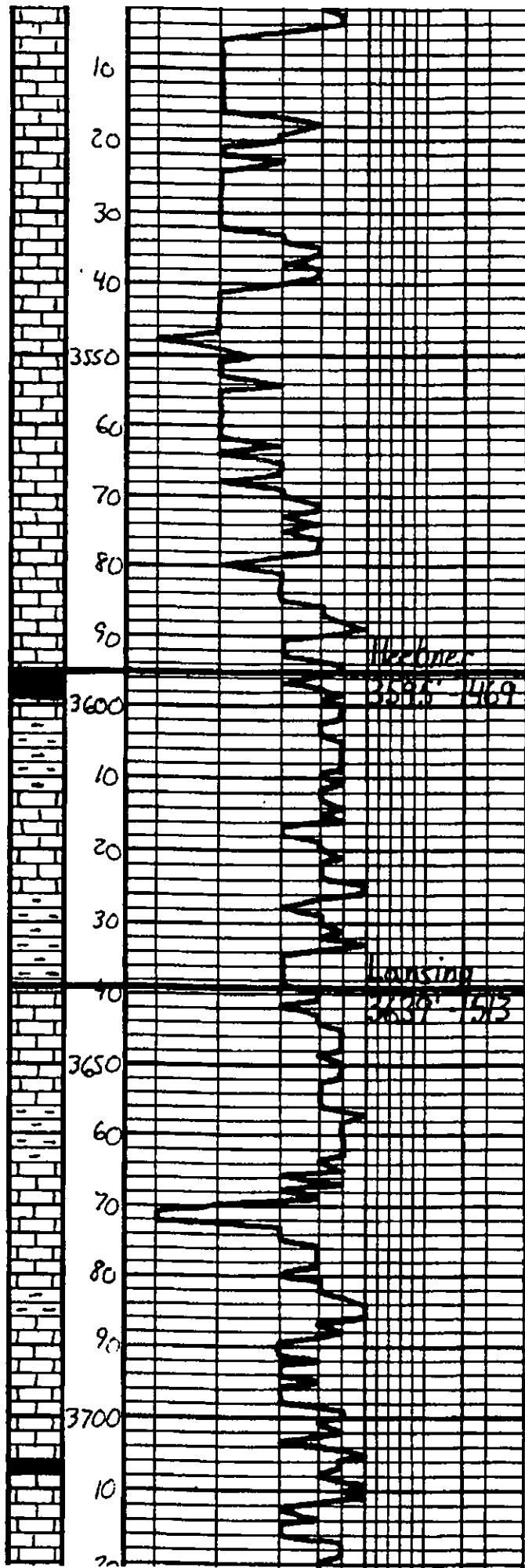
Respectfully Submitted,

Jason Alm  
Hard Rock Consulting, Inc.



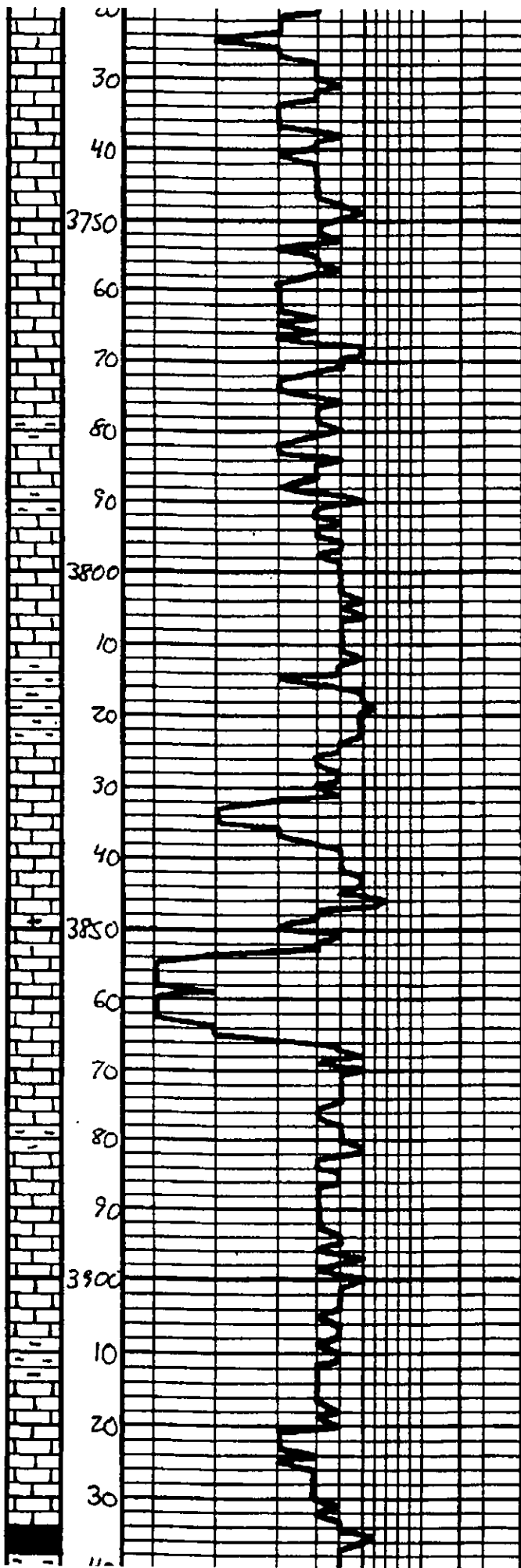






Geo on location  
1:30pm. 3-13-2011

LS - Offsh. Tan. Fa. etc. Fossil. Baren
LS - etc.
LS - etc.
LS - Tan. Lt. Gray, Fa. etc. Fossil. Baren
LS - etc.
LS - etc.
LS - etc. Muddy DNS
FA - Blk. Carb.
Sh - Gray - Bear Gen
LS - Tan. Lt. Gray, Fa. etc. Fossil. Baren
Sh - Gray - Bear Gen
LS - Tan. Lt. Gray, Fa. etc. Fossil. Baren
Sh - Gray - Bear
LS - Offsh. Tan. Fa. etc. Fossil. Baren
LS - Tan. Lt. Gray, Fa. etc. Fossil. Baren
Sh - Dark Gray



LS - Tan - Lt. bay. Fa x la. Dal  
 ul pas com fr. Barren

LS - ala

LS - ala

LS - ala

Sh - bay - Ben

LS - Tan - Dth. h. Pa. Substr.  
 Dal

Sh - bay - Ben - Lan

LS - Tan. Fa x la. Dal ul  
 Pas com fr. Barren

Sh - bay - Ben

LS - Dth. h. Lt. bay. Fa x la.  
 Dal. PKST ul basal com fr.  
 Barren

LS - Dth. h. Tan. Fa. Substr.  
 Dal. Dal

Sh - bay - Ben

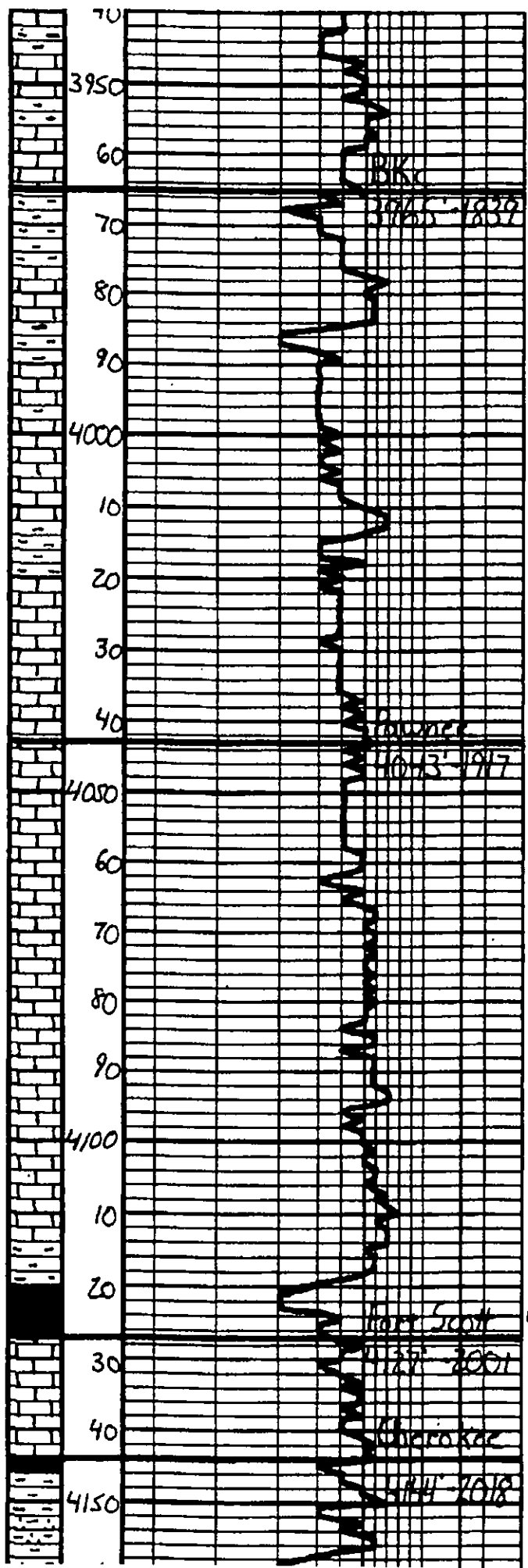
LS - Dth. h. Tan. Fa x la.  
 Dal ul Pas com fr. Barren

LS - ala

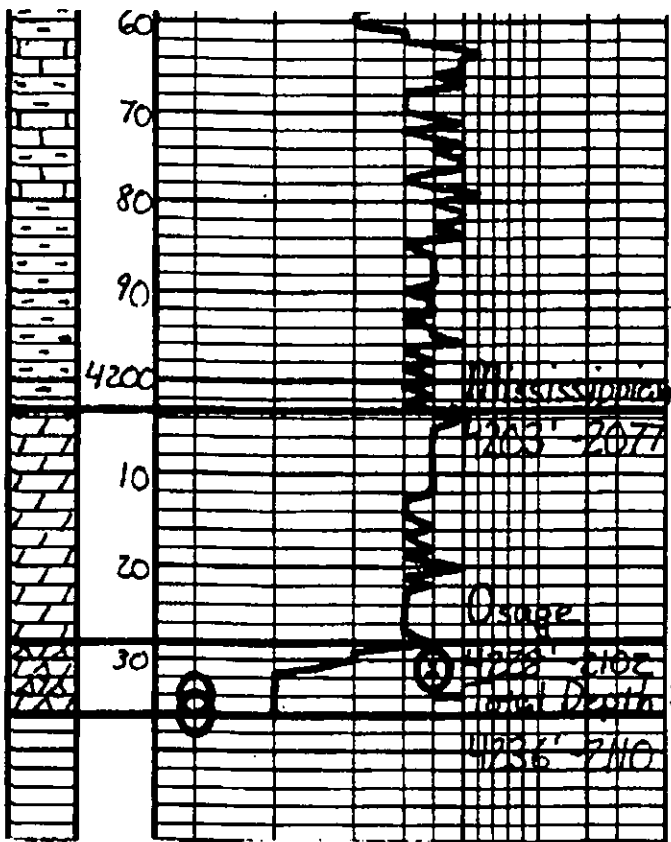
Sh - bay - Dth. bay

LS - Tan - Lt. bay. Fa x la. Dal  
 ul pas com fr. Barren

Sh - Dth. bay - BIK



Sh - Gray - Ben	
LS - Tan - Gray - Subula, DMS	
LS - Alb	
Sh - Gray - Ben - Green	
Sh - alb	
Sh - alb	
LS - Tan - Gray - Subula, DMS	
Sh - Gray - Ben	
LS - Tan - Gray - Subula, DMS, St. Subula - Gray	
LS - Tan - Gray - Subula, DMS	
LS - Gray - Subula, DMS	
LS - alb	
LS - alb	
LS - alb, "Shaly" - DMS	
Sh - Blk. Carb	
LS - Tan - Sh. Gray - Tan - Subula Sept. primary mass of the seat of the ... Sp. Val. Flint	
Sh - Dk. Gray	
Sh - Gray - Ben - Green, Egan Chick, V. Wick, Barren	
<b>DST #1</b>	
Mississippian	
4228' - 4234'	
30° - 30° - 45° - 45°	
IN	2755#
IF	51.65# W.S.B.
ISL	1297# Dead
FF	62.102# W.S.B. x i.



LS - Gray - Clay, St. Oak, Substr.  
D&L

LS - a1a

Sh - Gray - Clay - Heavy, St. Oak - like -  
D&L

D&L - Oak - Clay - Heavy, St. Oak - like -  
Substr. - Heavy, St. Oak - like -  
D&L, LPO Oak, Heavy D&L

D&L - a1a

D&L - Oak - Clay - Heavy, St. Oak - like -  
Substr. - Heavy, St. Oak - like -  
D&L, LPO Oak, Heavy D&L

FST 1334#  
Dead

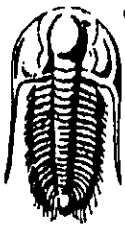
FH 2022#

BHT 113°F

Recovery:  
166 g MCWD  
40% O, 10% W

Respectfully,  
Jason H  
3-17-2011

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**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

American Warrior, Inc.  
P.O.Box 399  
Garden City, Ks 67846  
ATTN: Jason Alm

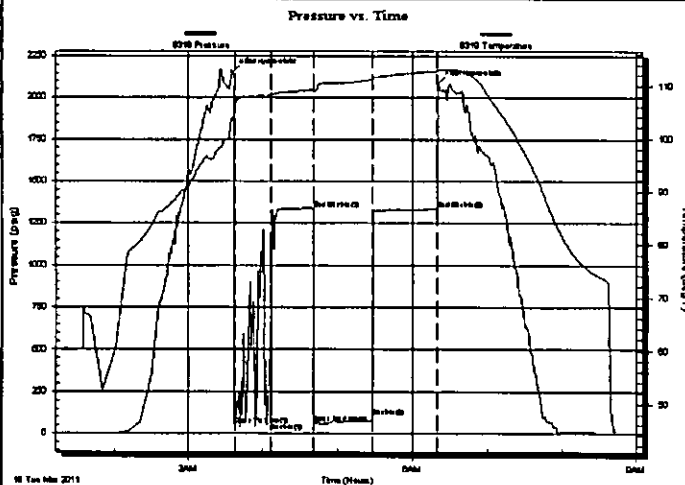
**Schnlepp #3-31 NE**  
**31/18S/21W-Ness**  
Job Ticket: 42776      **DST#: 1**  
Test Start: 2011.03.15 @ 01:33:40

### GENERAL INFORMATION:

Formation: **Mississippian**  
 Deviated: **No** Whipstock:                      ft (KB)  
 Time Tool Opened: 03:37:40  
 Time Test Ended: 08:43:10  
 Interval: **4228.00 ft (KB) To 4234.00 ft (KB) (TVD)**  
 Total Depth: **4234.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Floor**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Dustin Rash**  
 Unit No: **47**  
 Reference Elevations: **2126.00 ft (KB)**  
**2120.00 ft (CF)**  
 KB to GR/CF: **6.00 ft**

**Serial #: 8319**      **Outside**  
 Press@RunDepth: **102.09 psig @ 4229.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2011.03.15**      End Date: **2011.03.15**      Last Calib.: **2011.03.15**  
 Start Time: **01:33:45**      End Time: **08:43:09**      Time On Btm: **2011.03.15 @ 03:35:40**  
 Time Off Btm: **2011.03.15 @ 06:20:10**

**TEST COMMENT:** IF-Few bubbles. Dead. Surface blow @ 9 minutes.  
 IS-No Return.  
 FF-Weak building blow. Built to 8 inches.  
 FS-No Return.



### PRESSURE SUMMARY

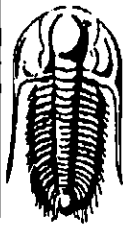
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2154.56	103.87	Initial Hydro-static
2	51.49	104.68	Open To Flow (1)
31	65.38	108.03	Shut-In(1)
65	1339.21	109.21	End Shut-In(1)
66	62.91	108.88	Open To Flow (2)
113	102.09	111.24	Shut-In(2)
164	1334.09	112.90	End Shut-In(2)
165	2082.85	113.10	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
166.00	40%Oil/30%Mud/20%Gas/10%Water	1.23

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc.

**Schnlepp #3-31 NE**

P.O.Box 399  
Garden City, Ks 67846

**31/18S/21W-Ness**

Job Ticket: 42776

**DST#: 1**

ATTN: Jason Alm

Test Start: 2011.03.15 @ 01:33:40

### 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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8200.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
166.00	40%Oil/30%Mud/20%Gas/10%Water	1.226

Total Length: 166.00 ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

