

### Kansas Corporation Commission Oil & Gas Conservation Division

### 1048056

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Onv. to ENHR	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	

### **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: Date:

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone  Depth Top Bottom  Type of Cement		# Sacks	Used		Type and	Percent Additives				
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually ( (Submit AC		nmingled mit ACO-4)			

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Schniepp 1-32
Doc ID	1048056

# Tops

Name	Тор	Datum
Anhydrite	1359	+770
Heebner	3588	-1459
Lansing	3635	-1506
ВКС	3954	-1821
Pawnee	4036	-1907
Ft. Scott	4114	-1985
Cherokee	4131	-2002
Mississippian	4195	-2066
LTD	4223	-2094



### DRILL STEM TEST REPORT

American Warrior

Schniepp #1-32

PO Box 399

Sec32Twp18sRge21w

Garden City KS

Job Ticket: 37196 DST#: 1

ATTN: Jason Alm

Test Start: 2010.02.14 @ 22:14:28

### GENERAL INFORMATION:

Formation: Cher. Sd.

Deviated: Whipstock: Test Type: Conventional Bottom Hole No ft (KB)

Time Tool Opened: 00:26:58 Time Test Ended: 04:07:58

Tester:

Brett Dickinson

Unit No:

4127.00 ft (KB) To 4147.00 ft (KB) (TVD)

Reference Elevations:

2129.00 ft (KB)

Total Depth: 4147.00 ft (KB) (TVD)

2121.00 ft (CF)

7.88 inches Hole Condition: Hole Diameter:

KB to GR/CF: 8.00 ft

Serial #: 8369 Press@RunDepth: Inside

21.78 psig @

4129.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

Interval:

2010.02.14 22:14:33 End Date: End Time: 2010.02.15 04:07:57

Time On Btm:

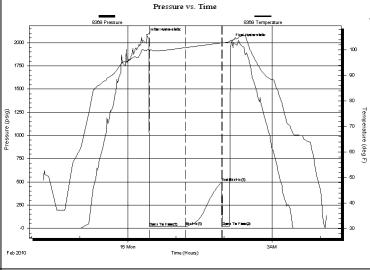
2010.02.15

Time Off Btm:

2010.02.15 @ 00:23:58 2010.02.15 @ 02:09:58

TEST COMMENT: IF-1.24in blow died back to 1in

ISI-No blow FF-No blow



### PRESSURE SUMMARY Pressure Temp Annotation Time (Min.) (psig) (deg F) 0 2080.35 100.00 Initial Hydro-static 17.12 99.36 Open To Flow (1) 3 48 21.78 100.85 | Shut-In(1) 496.14 93 102.70 End Shut-In(1) 23.06 102.62 Open To Flow (2) 94 2021.62 106 103.66 Final Hydro-static

Cac Datas

### Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oilspotted Mud	0.05

Ods Mai	.03	
Choko (inchos)	Proceuro (peig)	Cas Pato (Mof/d)

Trilobite Testing, Inc. Ref. No: 37196 Printed: 2010.02.15 @ 09:17:39 Page 1



### DRILL STEM TEST REPORT

**FLUID SUMMARY** 

ppm

DST#: 1

American Warrior

ATTN: Jason Alm

Schniepp #1-32

PO Box 399

Sec32Twp18sRge21w

Garden City KS

Job Ticket: 37196

Test Start: 2010.02.14 @ 22:14:28

**Mud and Cushion Information** 

Mud Type: Gel Chem Cushion Type: Oil A Pl: deg A Pl

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity:

Viscosity: 59.00 sec/qt Cushion Volume: bbl

Water Loss: 7.99 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5600.00 ppm Filter Cake: inches

### **Recovery Information**

### Recovery Table

Length ft	Description	Volume bbl
10.00	Oilspotted Mud	0.049

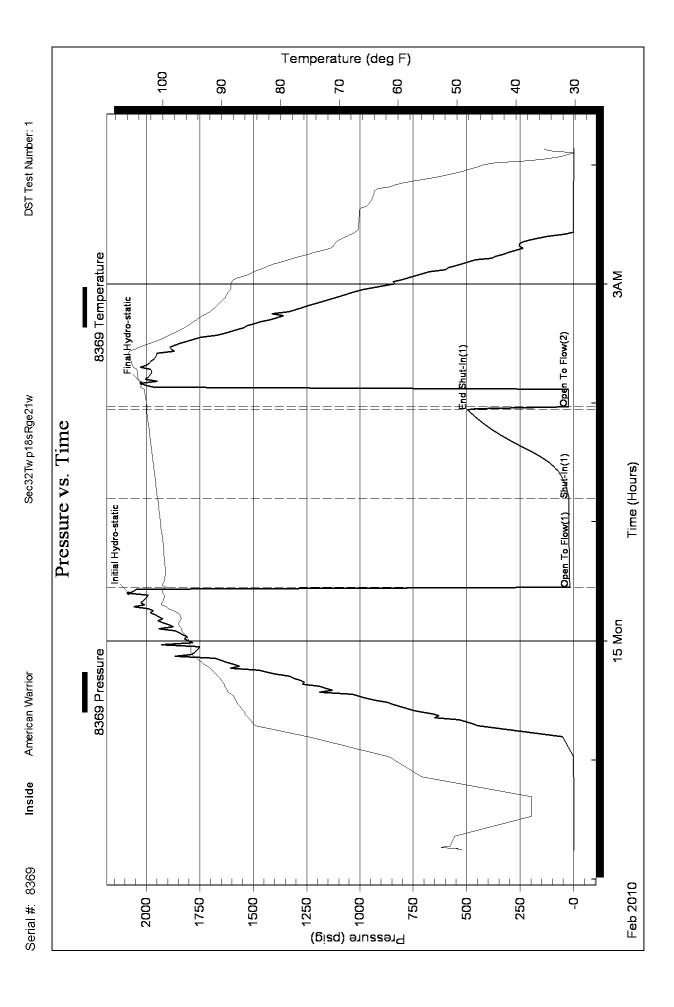
Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 37196 Printed: 2010.02.15 @ 09:17:40 Page 2



Printed: 2010.02.15 @ 09:17:40 Page 3 37196 Ref. No:

Trilobite Testing, Inc



### DRILL STEM TEST REPORT

American Warrior

Schniepp #1-32

PO Box 399

Sec32Twp18sRge21w

Garden City KS 67846

Job Ticket: 37197 DST#: 2

Test Start: 2010.02.15 @ 11:17:41 ATTN: Jason Alm

### GENERAL INFORMATION:

Formation: Miss.

Deviated: Test Type: Conventional Bottom Hole No Whipstock: ft (KB)

Time Tool Opened: 14:07:11 Time Test Ended: 18:29:11

Brett Dickinson

Unit No:

Tester:

Interval: 4207.00 ft (KB) To 4217.00 ft (KB) (TVD) Reference Elevations:

2129.00 ft (KB)

Total Depth: 4217.00 ft (KB) (TVD)

2121.00 ft (CF)

7.88 inches Hole Condition: Hole Diameter:

KB to GR/CF: 8.00 ft

Serial #: 8319 Press@RunDepth: Inside

4209.00 ft (KB) 245.60 psig @

2010.02.15

Capacity: 8000.00 psig

Start Date: Start Time: 2010.02.15 11:17:46

End Date: End Time:

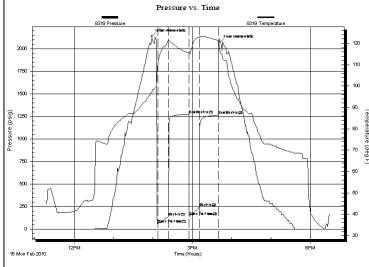
Last Calib.: 18:29:10 Time On Btm:

2010.02.15 2010.02.15 @ 13:58:11

Time Off Btm: 2010.02.15 @ 15:42:11

TEST COMMENT: IF-BOB in 4min

ISI- 6.25in blow FF-BOBin 4.5min FSI-2in blow



# PRESSURE SUMMARY

Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2137.31	96.97	Initial Hydro-static
	9	60.50	109.08	Open To Flow (1)
	26	138.39	121.18	Shut-In(1)
4	57	1273.32	115.42	End Shut-In(1)
emne	57	144.43	114.89	Open To Flow (2)
rature	73	245.60	122.87	Shut-In(2)
fdea	102	1264.00	121.27	End Shut-In(2)
פ	104	2072.28	115.80	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
120.00	Gassy Freeoil 35%G 65%O	1.41
500.00	Gassy Freeoil 20%G 80%O	7.01
0.00	320 GIP	0.00
-		

### Gas Rates

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

Trilobite Testing, Inc. Ref. No: 37197 Printed: 2010.02.16 @ 11:30:23 Page 1



### DRILL STEM TEST REPORT

**FLUID SUMMARY** 

American Warrior

Schniepp #1-32

PO Box 399

Sec32Twp18sRge21w

Garden City KS 67846

Job Ticket: 37197 **DST#: 2** 

ATTN: Jason Alm

Test Start: 2010.02.15 @ 11:17:41

### **Mud and Cushion Information**

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 55.00 sec/qt Cushion Volume: bbl

7.98 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5100.00 ppm Filter Cake: inches

### **Recovery Information**

Water Loss:

### Recovery Table

	Length ft	Description	Volume bbl
	120.00	Gassy Freeoil 35%G 65%O	1.410
ĺ	500.00	Gassy Freeoil 20%G 80%O	7.014
	0.00	320 GIP	0.000

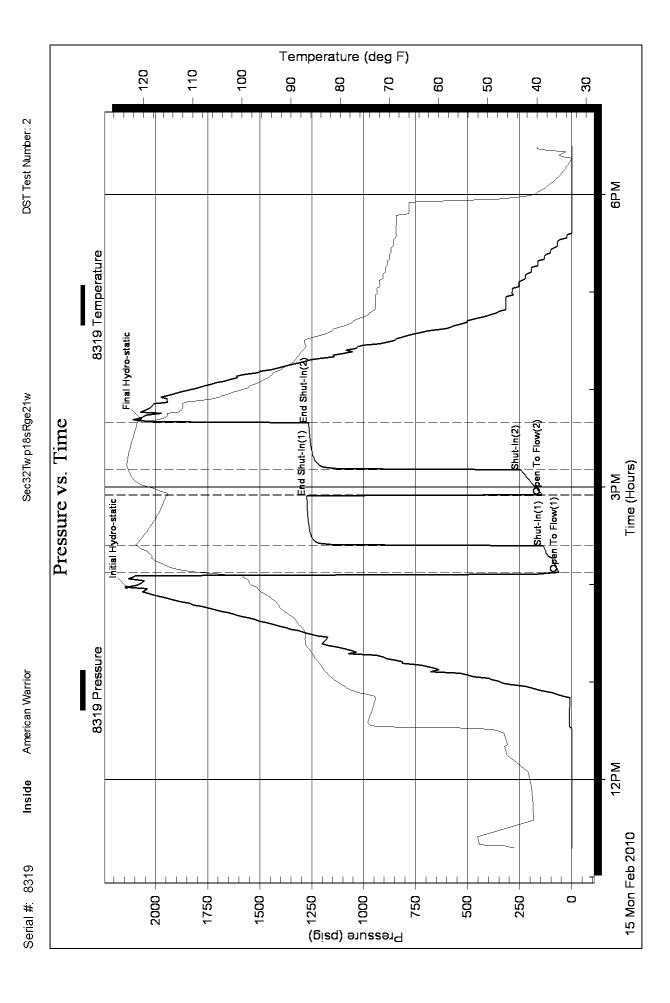
Total Length: 620.00 ft Total Volume: 8.424 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 37197 Printed: 2010.02.16 @ 11:30:24 Page 2



Printed: 2010.02.16 @ 11:30:24 Page 3 37197 Ref. No: Trilobite Testing, Inc

# **Geological Report**

American Warrior, Inc.
Schniepp #1-32
2300' FSL & 810' FWL
Sec. 32 T18s R21w
Ness County, Kansas



American Warrior, Inc.

# **General Data**

Well Data:	American Warrior, Inc. Schniepp #1-32 2300' FSL & 810'FWL Sec. 32 T18s R21w Ness County, Kansas API # 15-135-25021-0000
Drilling Contractor:	Discovery Drilling Co., Inc. Rig #3
Geologist:	Jason Alm
Spud Date:	February 9, 2009
Completion Date:	February 16, 2009
Elevation:	2121' Ground Level 2129' Kelly Bushing
Directions:	Bazine KS, intersection of Main St. and Hwy 96, South to Burgess St. East on Burgess across old bridge, South and East 3/4 mi., North into location.
Casing:	1370' 8 5/8" surface casing 4222' 5 1/2" production casing
Samples:	10' wet and dry, 3500' to RTD
Drilling Time:	3500' to RTD
Electric Logs:	Log-Tech, Inc. "Kenyon Bange" CNL/CNL, DIL
Drillstem Tests:	Two, Trilobite Testing, Inc. "Brett Dickinson"
Problems:	None

None

Remarks:

### **Formation Tops**

	American Warrior, Inc.
	Schniepp #1-32
	Sec. 32 T18s R21w
Formation	2300' FSL & 810' FWL
Anhydrite	1359', +773
Base	1395', +734
Heebner	3588', -1459
Lansing	3635', -1506
BKc	3954', -1821
Pawnee	4036', -1907
Fort Scott	4114', -1985
Cherokee	4131', -2002
Mississippian	4195', -2066
Osage	4209', -2080
LTD	4220', -2091
RTD	4223', -2094

### **Sample Zone Descriptions**

### Cherokee Sand (4138', -2009): Covered in DST #1

Ss – Quartz, fine grained, well sorted, sub-rounded, fair cementation with poor to fair inter-granular porosity, light oil stain and saturation, slight show of free oil when broken, light odor, 42 units hotwire.

### Mississippian Osage (4209', -2080): Covered in DST #2

Dolo –  $\Delta$  – Fine sucrosic crystalline with fair vuggy porosity, heavy chert, triptolitic, weathered with good vuggy porosity, light to heavy oil stain and saturation, good show of free oil, strong odor, bright yellow cut fluorescents, 58 units hotwire.

### **Drill Stem Tests**

Trilobite Testing, Inc. "Brett Dickinson"

### DST #1 Cherokee Sand

Interval (4127' – 4147') Anchor Length 20'

IHP -2080 #

IFP - 30" - Built to 1 ¼ in. 17-22 # ISI - 30" - Dead 496 # FFP - 10" - Dead 23 #

FHP - 2021 # BHT - 103°F

Recovery: 10' Oil spotted mud

### DST #2 <u>Mississippian Osage</u>

Interval (4207' – 4217') Anchor Length 10'

IHP -2107 #

IFP - 15" - B.O.B. 4 min. 61-138 #
ISI - 30" - Built to 6 1/4 in. 1273 #
FFP - 15" - B.O.B. 4½ min. 144-246 #
FSI - 30" - Built to 2 in. 1262 #

FHP - 2072 # BHT - 121°F

Recovery: 320' GIP

620' CGO Gravity: 41° API

## **Structural Comparison**

	American Warrior, Inc.	D N B Drilling, Inc.		American Warrior, Inc.	
	Schniepp #1-32	Schniepp #1		Schniepp #1-31NE	
	Sec. 32 T18s R21w	Sec. 32 T18s R21w		Sec. 31 T18s R21w	
Formation	2300' FSL & 810' FWL	2590' FNL & 2640' FEL		2150' FNL & 900' FEL	
Anhydrite	1359', +773	1351', +771	(+2)	1375', +756	(+17)
Base	1395', +734	NA	NA	1409', +722	(+12)
Heebner	3588', -1459	3582', -1460	(+1)	3600', -1469	(+10)
Lansing	3635', -1506	3627', -1505	<b>(-1)</b>	3646', -1515	<b>(-13)</b>
BKc	3954', -1821	NA	NA	3968', -1837	(+16)
Pawnee	4036', -1907	NA	NA	4047', -1916	<b>(+9)</b>
Fort Scott	4114', -1985	4103', -1981	(-4)	4129', -1998	(+13)
Cherokee	4131', -2002	NA	NA	4144', -2013	(+11)
Mississippian	4195', -2066	4195', -2073	(+7)	4220', -2089	(+13)
Osage	4209', -2080	4199', -2077	(-3)	4233', -2102	(+22)

### **Summary**

The location for the Schniepp #1-32 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one of 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 #1-32 well.

### **Recommended Perforations**

**Primary:** 

Mississippian Osage (4209' – 4219') DST #2

**Secondary:** 

Cherokee Sand: (4138' – 4143') DST #1

Respectfully Submitted,

Jason Alm Hard Rock Consulting, Inc.

# Hard Rock Consulting, Inc.

Jason Alm Petroleum Geologist

1.Z/

15V51 V	OPERATOR -				·	
TASE AND SO	American	DRILLING	39			
WEIL NO 1-37   KR 2/29	OPERATOR American Warrior, Tre.	DRILLING TIME AND SAMPLE LOG	GEOLOGIST'S REPORT	APT# IS-	Hays, KS 67601	P.O. Box 1260
KR 2/29		)G		APT# 15-135-25021-	•	

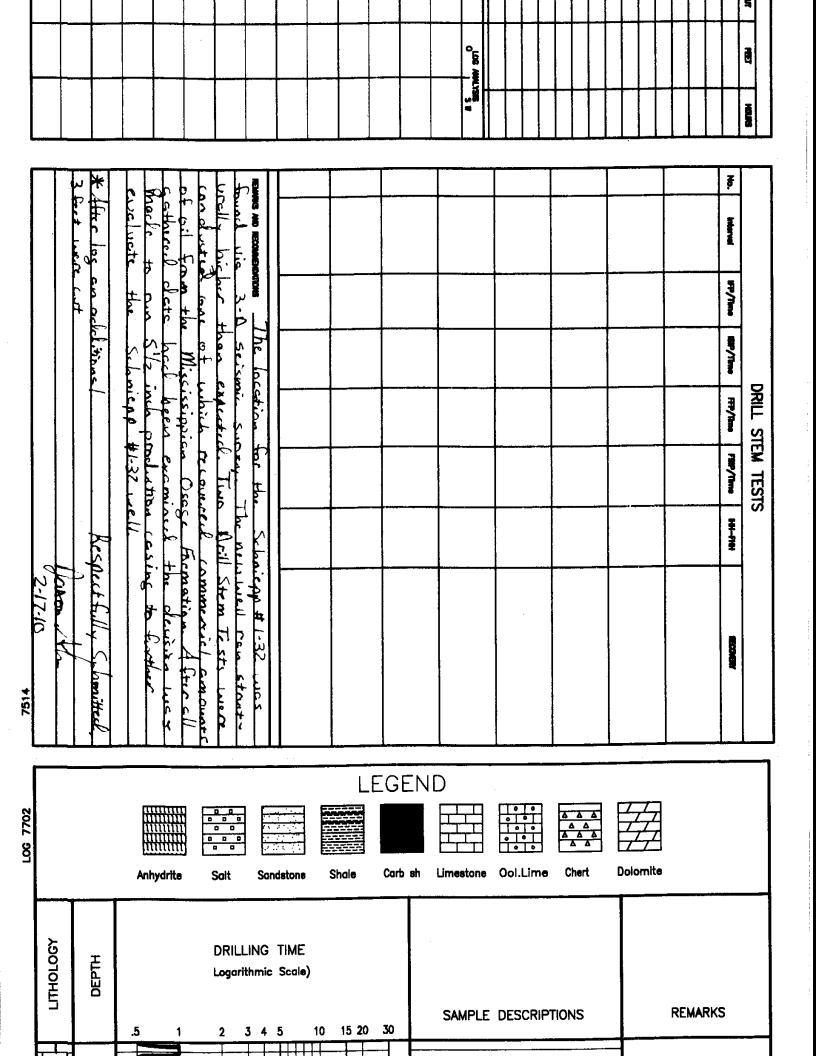
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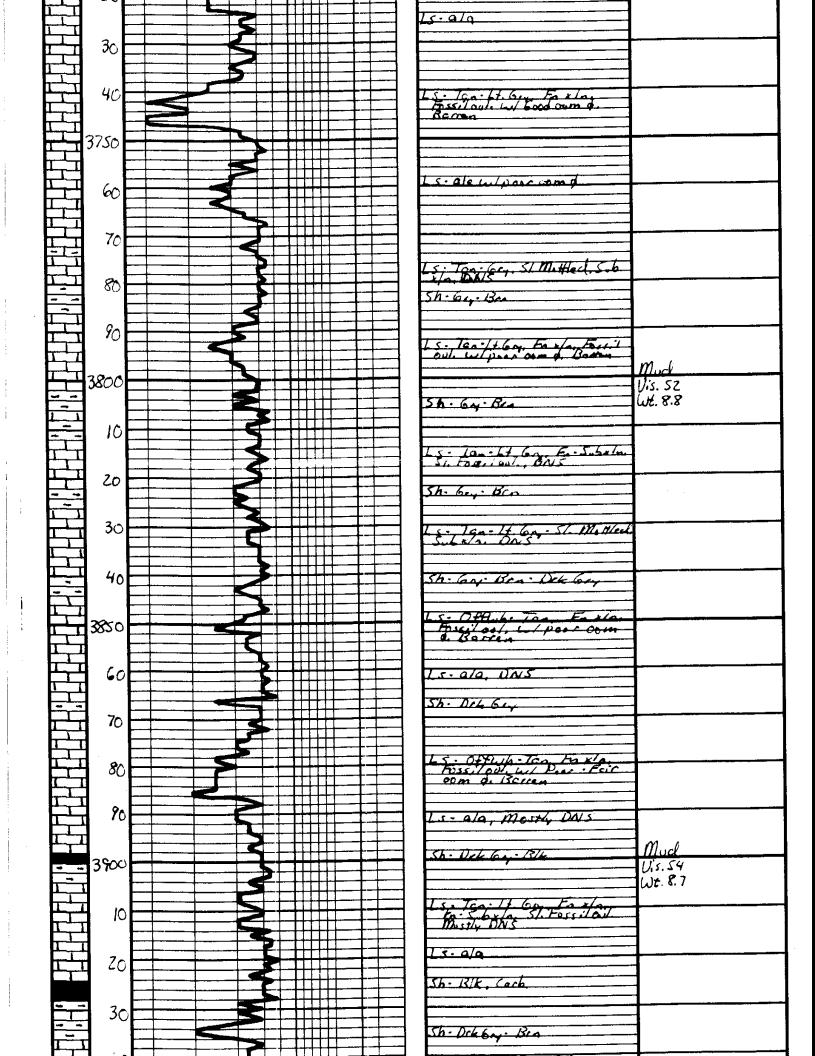
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		- 2030	4155 2000	4131' - 2002		4036'-1907	3954' - 1821	3635-1506	3588 - 1459	1355' +734	1359' +770	TOP DATUM	
	4220'-2691	H706'-2077	14155 - 2066	·	14112 -1583	19034 - 190S	3952'-1823	3634 - 1505	13583 - JHSS	11355' + 734	11356 +773	SAMPLE TOP DATUM	
		-3	+7		7.4			-	+		-1	STRUCT.	

REFERENCE WELL FOR STRUCTURAL COMPARISON Schniege # 1-32 25.90 FNL & ZCHO FINE Sec. 32 TIRS DNB Deillias Tac

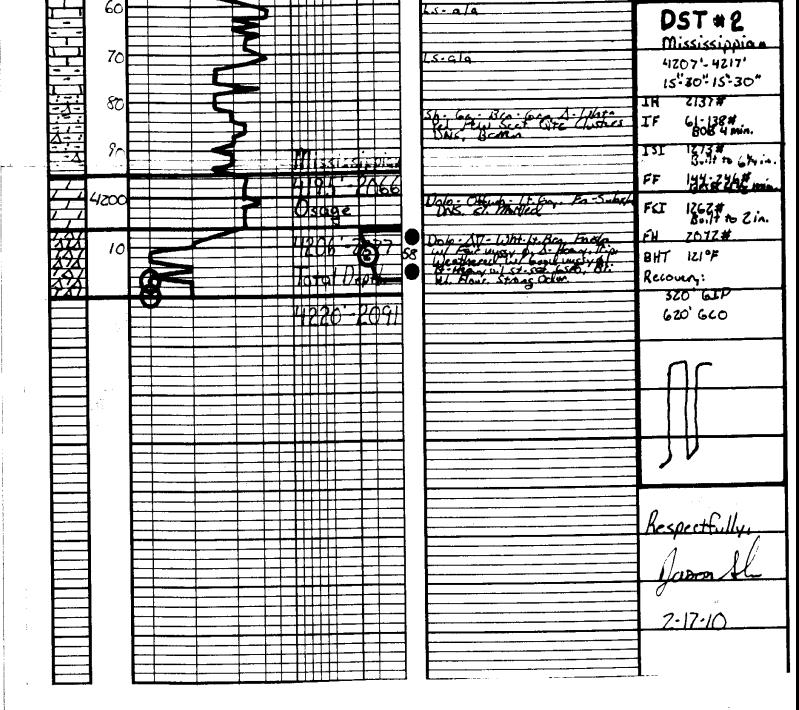
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REFERRAL LOCATION	INVOICE INSTRUCTIONS			SANGER CONTROL OF	(6)(6)				
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<b>X</b>	o good		P.O. BOX 466		WE OPERALED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTOR! Y2	JOB JOB		TAX	
DATE SIGNED	TIME SIGNED	D D A X X	785 708 2200		ARE YOU SATISFIE	RVICE	No		
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SWIFT OPERATOR

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APPROVAL

Thank You!

SWIFT Services, Inc. **JOB LOG** CUSTOMER JOBTYPE 856 Surface 17-411 EMOVICON LEOSVIOS INC Schneipp VOLUME (BBL) (GAL) PRESSURE (PSI) PUMPS TC DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING 2-10-10 2215 Ballo in 1st Collar-2330 2-11-10 0020 1025 4/7 Start 100 sts SMD @ 12,7 #/gel 83 150 5KS SIND @ 13.5 #/gal 129 Stort 100 Sts SMD @ 14.5 #/gal 1100 155 Reloose Top Plus Start Displ RBI cut to pit 0120 Displ - Maso in Rolegge Tok 130 Tob Complete Wash up Toxt up 0300



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TICKET 17393

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00-7-00-7-00	785-708-3300	NESS CITY KS 67560		SWIFT SERVICES, INC.					ROTATIJG HEAD QUITAL	INSUT FLOAT SHOE W/ AUTO	WITCH DOWN ANG. BAFFIE	CEMENT BASKET	CSUTERIZEUS	MUDFLUSH	Trans Kct	PUMP CHARGE	MILEAGE # 114	DESCRIPTION
□ cus	ARE TOU SALISH	CALCULATIONS SATISFACTORILY?	WE OPERATED THE EQUIPMENT AND PERFORMED JOB	PERFORMED WITHOUT DELAY?	MET YOUR NEEDS?	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	SURVEY			FILL								
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SWIFT OPERATOR
SWIFT

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

Thank You!

APPROVAL



# TICKET CONTINUATION

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	TICKET 17393				NUATION	TICKET CONTINUATION		× 466				XX

SWIFT Services, Inc.

DATE 2-16-10 PAGE NO

MER	ITAN L	JARRETOR	WELL NO. 1-32			LEASE SCY	ANTE	PP S'12 LONGSTRING TICKET NO. 393
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) GAL)	PUI	MPS C	PRESSU	RE (PSI)	DESCRIPTION OF OPERATION AND MATERIALS
.,,	0330	(Of III)	Copposit		1	TOBING	CASING	
					<del>                                     </del>			ON LOCATION
	0630							START 51/2" CASING IN WELL
	7 × 17 (2)			-				
								10-4223 SET = 4222
								10-4225 5/2 * 15.5
								ST- 42.31
	10							CSJRALDSES-1,2,3,4,78
	11 july				2		30	OMT BSKTS-4
	11.77							
	0830							DROP BALL - CORCULATE ROTATE
	ശിര	6	12		1		11-00	PIMP 500 GAL MUDICLUSH 11
							730	PUMP 560 GAL MUBICLUSH II
	0912	Ь						
		<u> </u>	20		<b>∀</b>		450	PUMP 20 BBLS KCL-FLUSH 11
	0918		7-5					PING RH - MH (30 SKS - 20 SKL)
					à.			
	0925	4	30		<b>V</b>		250	MEX COMENT 125 SKS GA-2 e 15,5 PAG "
	0933							WASH OUT DUMP . LIZIES
	0934							RELEASE LATEH DOWN PLUG
					AL.			
	0935		o		J			DISPUACE PLUG "
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	<u> </u>	D/2	991/2				<u>1200</u>	BUS GEHMAN GUZSS - LWOD DUSS
		1.875						
	0952						OK.	RELEASE PST- HELD
								WASH-YROCK
					14			
	1030							JUB COMPLETE
								아이들의 이 경험에 가장을 보고 있다. 그리고 있다면 하는 것이 되었다. 
								THAN YOU
								WAKE DAVE K, JASON F.
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18335 TICKET

REFERRAL LOCATION TICKET TYPE | CONTRACTOR INVOICE INSTRUCTIONS WELL/PROJECT NO. ړل RIG NAME/NO. COUNTY/PARISH 8%×5% DELIYERED TO ORDER NO. WELL LOCATION 3-1-0 Bazine 25, IE, IN HEN.

		から、電気が	022	276	230	789	155	57)	153	PRICE
										SECONDARY REFERENCE/ PART NUMBER
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					いまます。カット・プログランド、クケール。	Minimum Drawage Charles	Service Cherge Come	Fami Chaire	MILEAGE 17 /2 # 11 4	DESCRIPTION
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			-   			750 B		8502	<u> </u>	UM PRICE
			3 3	528	-210000	- 250as	- 225los	SS - SS	1000	AMOUNT

but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions. the terms and conditions on the reverse side hereof which include, LEGAL TERMS: Customer hereby acknowledges and agrees to

REMIT PAYMENT TO:

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

SWIFT OPERATOR

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby

SWIFT SERVICES, INC. NESS CITY, KS 67560 P.O. BOX 466

785-798-2300

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? ERFORMED WITHOUT DELAY? E OPERATED THE EQUIPMENT ND PERFORMED JOB ALCULATIONS ET YOUR NEEDS? SURVEY AGREE DECIDED PAGE TOTAL 1025 1000 15.37 3652/00  $\frac{1}{6}$ 0

☐ CUSTOMER DID NOT WISH TO RESPOND 3770103

TOTAL

Thank You!

SWIFT Services, Inc. DATE 3-3-10 PAGE NO. **JOB LOG** CUSTOMER WELL NO. Coment Between 876x54 18335 VOLUME (BBL) (GAL) DESCRIPTION OF OPERATION AND MATERIALS TUBING 1530 On Location 848x5/11 Pressure 5/2 Casing Shutin 800 Injection Kate 1600 Start Cement 755ks@13.0 200 Cerent 50sks@ 12.5pps 200 Cement 255ks@ 11.8pps Job Complete Thank you Brett, Dave + Blaine