



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1247193
OIL & GAS CONSERVATION DIVISION

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 # _____
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 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 #: _____

Spud Date or Recompletion Date: _____ Date Reached TD: _____ Completion Date or Recompletion Date: _____

API No. 15 - _____
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
 - Geologist Report Received
 - UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1247193

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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				

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	MMH 2-25
Doc ID	1247193

Tops

Name	Top	Datum
Anhydrite	1395	818
Heebner	3721	-1508
Lansing	3770	-1557
Base Kansas City	4118	-1905
Pawnee	4252	-2039
Ft. Scott	4275	-2063
Cherokee	4295	-2083
Mississippian	4358	2145
TD	4367	2154



Geologic Report

Drilling Time and Sample Log

Operator American Warrior, Inc.			KB	Elevation
Lease MMH			DF	2215'
No. 2-25			GL	2207'
API # 15-135-25837-0000			Casing Record	
Field Steffen Northwest			Surface	
Location 485' FNL & 725' FEL			8 5/8" @ 220'	
Sec. 25 Twp. 20s Rge. 21w			Production	
County Ness State Kansas			5 1/2" @ 4367'	
			Electrical Surveys	
			None	
Formation		Log Tops	Sample Tops	Struct Comp
Anhydrite			1395' +818	
Base			1425' +788	
Heebner			3721' -1508	+2
Lansing			3770' -1557	+5
BKc			4118' -1905	
Pawnee			4252' -2039	
Fort Scott			4275' -2063	+7
Cherokee			4295' -2083	+6
Mississippian			4358' -2145	-4
Total Depth			4367' -2154	

Reference Well For Structural Comparison **Lauck D R Oil Co. Martin #1**
 C NE NE Sec. 25 T20s R21w Ness Co. Kansas

Drilling Contractor	Discovery Drilling Co. Inc. Rig #3		
Commenced	12-15-2014	Completed	1-11
Samples Saved From	4000'	To	RTD
Drilling Time Kept From	3700'	To	RTD
Samples Examined From	4000'	To	RTD
Geological Supervision From	4000'	To	RTD

Displacement **3600'** Mud Type **Chemical**

Summary and Recommendations

The location for the MMH #2-25 was found via 3-D seismic. A new well ran structurally as expected via the survey. One Dr was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the MMH #2-25 well.

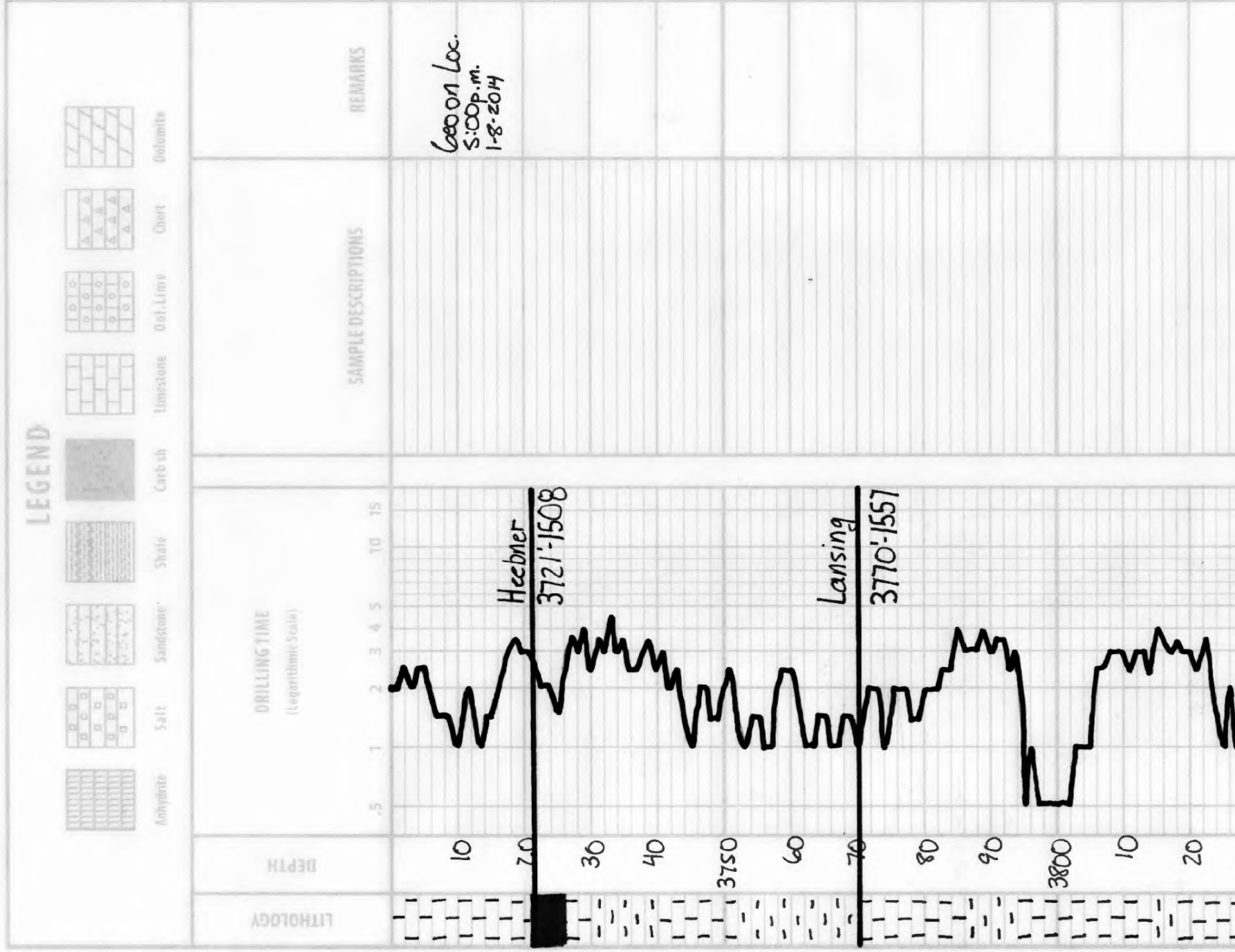
Respectfully S

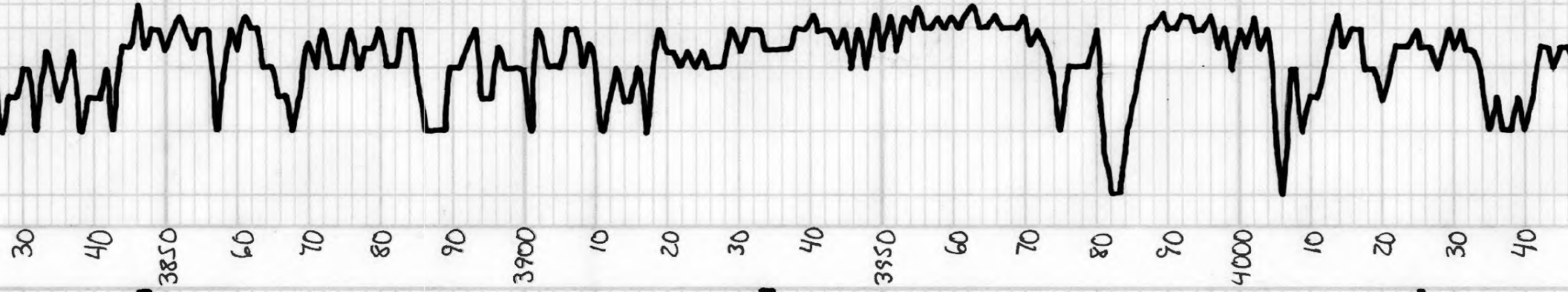
Jason T Alm
 Hard Rock Cor

ic survey. The
ill Stem Test
from the
been
casing to

submitted,

consulting, Inc.





LS - Off wh. Lt. Gray; Fx slat, Dol.
w/ Fair - Good boom & Barren

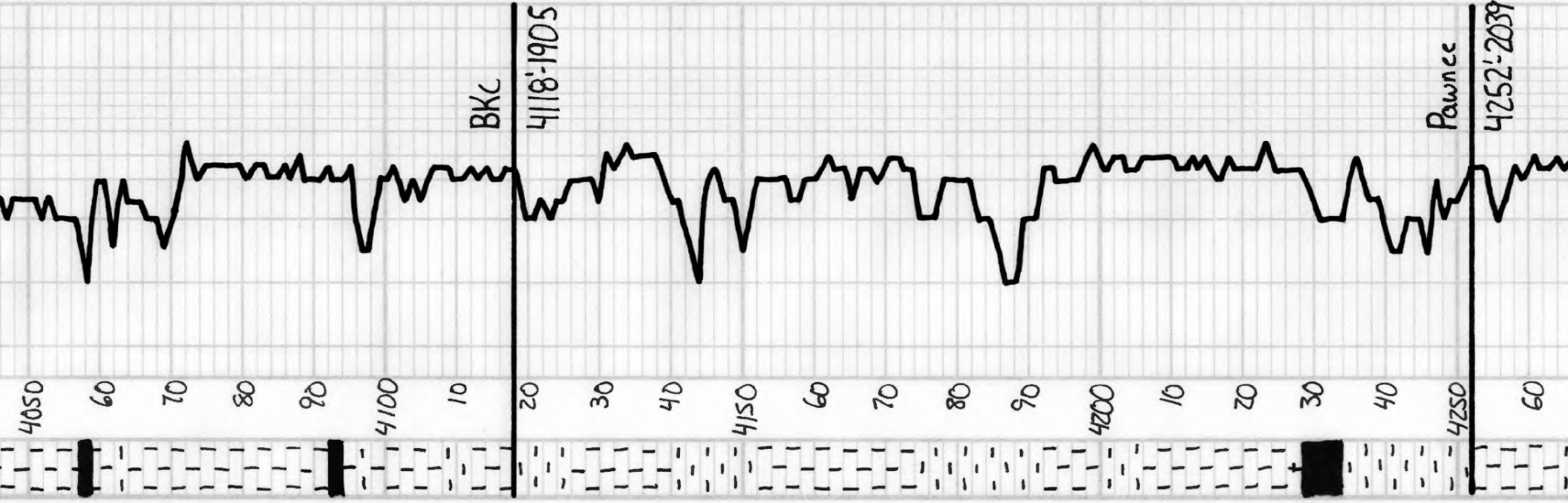
LS - ala. Mostly DNS

LS - Top: Off wh. Fx slat, Dol.
w/ Fair - Good boom & Barren

LS - ala w/ Poor boom: few w/ & Barren

Sh - Dk Gray - Gray

LS - Top: Lt. Gray Fx - Subslat, Dol.
w/ Poor - Fair boom & Barren



LS - Tan-Lt. Gry, Subxln, Sl. Dol.

Sh - Dk Gry

LS - Offwh. Lt. Gry, Fx x/2, Dol.
 PKSW Fair 60m sec. acc. p.
 Berrien

LS - a/a

Sh - Dk Gry - Blk

Sh - Gry

LS - Tan-Lt. Gry, Subxln, DNS

LS - a/a

Sh - Brn. Gry

LS - Tan-Lt. Gry, Subxln, DNS

Sh - Brn. Gry

LS - Tan-Lt. Gry, Subxln, DNS

LS - a/a, Sl. A. Orange-Whit

Sh - Dk Gry

Sh - Gry - Brn

LS - Offwh. Lt. Gry - Sl. Mottled
 Subxln, DNS

LS - Lt. Gry, Subxln, DNS,
 Blocky

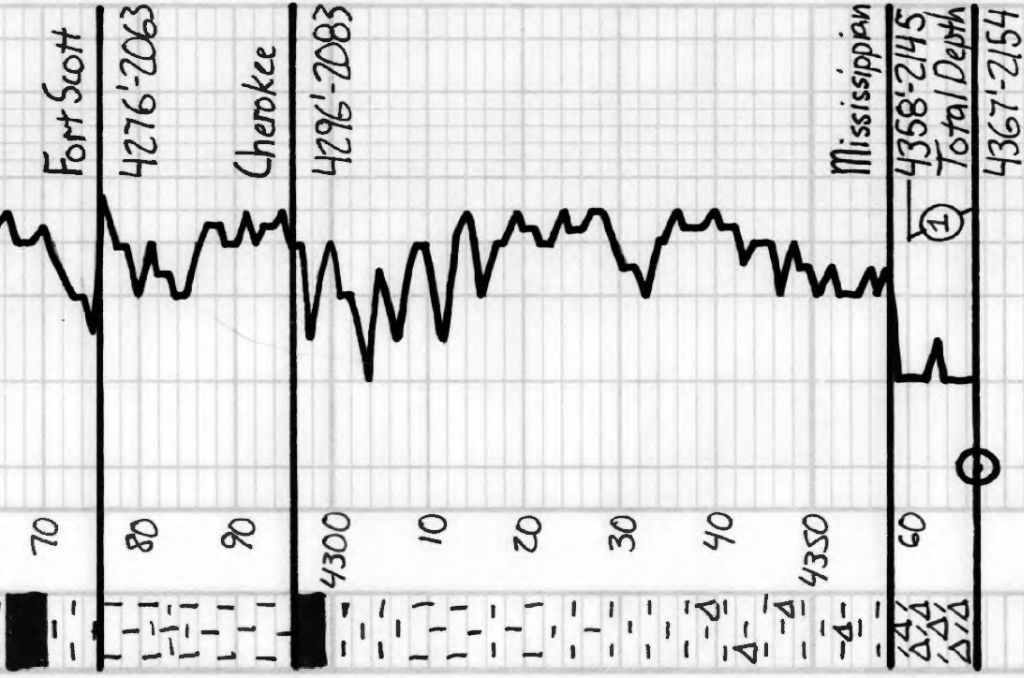
LS - a/a

Sh - Dk Gry - Blk

Sh - Gry - Grn - Brn

Sh - Lt. Gry - Grn

LS - Gry, Subxln, DNS



14 Sh - Blk - Dk Gr. Carb.

Sh - Gray - Brn

Ls - Tan - Off wh. Subsl. DNS.
Fossil, Bl. Spot. Yel. Floor.
Bernon, DNS

Sh - Dk Gr - Blk

Sh - Brn - Grn - Gray

Ls - Lt. Gr - Tan. Subsl. DNS

Ls - a/a

Sh - Gray - Dk Gr - Brn

Sh - Brn - Grn, Sl. A - Whit. Sl. Yel

Sh - Brn - Red, A - Yel - Whit

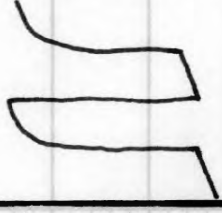
ΔP - Dol - Whit - Off wh, Fa Suc.
Xln w/ Pbot - Fair w/ ss, interstn
by Heav. Sl. Trip. A - w/ espired
by Fair - Good w/ ss by Lt. Fair sil.
Set. - SFO Gggl Odor, Fair -
Good Yel. Spot. Floor.

DST#1

Mississippian
4360'-4367'
45"-4s" 45" 4s"

IH 2217#
IF 44-138#
BOB 1/2 min
ISI 1243#
Bu. H to 2 1/2
FF 140-225#
BOB 32 min
FSI 1206#
Bu. H to 1 3/4
FH 2128#
BHT 125°F

Recovery:
201' GTP
98' CO
263' MOCW
10% O, 86% W
124' MOCW/sh



Geological Report

American Warrior, Inc.

MMH #2-25

485' FNL & 725' FEL

Sec. 25 T20s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
MMH #2-25
485' FNL & 725' FEL
Sec. 25 T20s R21w
Ness County, Kansas
API # 15-135-25837-0000

Drilling Contractor: Discovery Drilling Rig #3

Geologist: Jason T Alm

Spud Date: December 15, 2014

Completion Date: January 11, 2015

Elevation: 2207' Ground Level
2215' Kelly Bushing

Directions: Bazine KS, 4 mi East on Hwy 96 to the HH Rd. 10 mi. South to 30 Rd. East 2 mi. to County Line Rd. 1 ¼ mi. South, West into location.

Casing: 220' 8 5/8" surface casing
4367' 5 1/2" production casing

Samples: 10' wet and dry, 4000' to RTD

Drilling Time: 3700' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Ken Swinney"

Problems: None

Remarks: Rig set up on December 15. They shut rig down over the holidays and started back up on January 6.

Formation Tops

Formation	American Warrior, Inc.
	MMH #2-25
	Sec. 25 T20s R21w
	485' FNL & 725' FEL
Anhydrite	1395', +818
Base	1425', +788
Heebner	3721', -1508
Lansing	3770', -1557
BKc	4118', -1905
Pawnee	4252', -2039
Fort Scott	4275', -2063
Cherokee	4295', -2083
Mississippian	4358', -2145
RTD	4367', -2154

Sample Zone Descriptions

Mississippian Osage (4358', -2145): **Covered in DST #1**

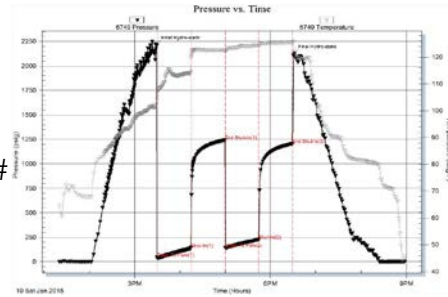
Δ – Dolo – Fine sucrosic crystalline with poor to fair vuggy and inter-crystalline porosity, very heavy slightly triptolic chert, weathered with fair to good vuggy porosity, light to fair oil stain and saturation, fair show of free oil, good odor, fair to good yellow fluorescents, 52 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Ken Swinney"

DST #1 Mississippian Osage

Interval (4360' – 4367') Anchor Length 7'

- IHP – 2217 #
- IFP – 45" – B.O.B. 16 ½ min. 44-138 #
- ISI – 45" – Built to 2 ½ in. 1243 #
- FFP – 45" – B.O.B. 32 min. 140-225 #
- FSI – 45" – Built to 1 ¾ in. 1206 #
- FHP – 2128 #
- BHT – 125°F



Recovery: 201' GIP
 93' Clean Oil
 263' M&OCW 10% Oil, 80% Water
 124' MCW w/ Oil Show

Structural Comparison

	American Warrior, Inc. MMH #2-25 Sec. 25 T20s R21w 485' FNL & 725' FEL	D R Lauck Oil Co. Inc. Martin #1 Sec. 25 T20s R21w C NE NE		Horizon Petroleum Martin #1 Sec. 25 T20s R21w N2 N2 NE	
Formation					
Anhydrite	1395', +818	NA	NA	1402', +819	(-1)
Base	1425', +788	NA	NA	1432', +789	(-1)
Heebner	3721', -1508	3716', -1510	(+2)	3728', -1507	(-1)
Lansing	3770', -1557	3768', -1562	(+5)	3778', -1557	FL
BKc	4118', -1905	NA	NA	NA	NA
Pawnee	4252', -2039	NA	NA	NA	NA
Fort Scott	4275', -2063	4276', -2070	(+7)	4284', -2063	FL
Cherokee	4295', -2083	4295', -2089	(+6)	NA	NA
Mississippian	4358', -2145	4347', -2141	(-4)	4362', -2141	(-4)

Summary

The location for the MMH #2-25 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the MMH #2-25 well.

Recommended Perforations

Mississippian Osage

(4358' – 4363')

DST #1

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



CHARGE TO: 41000000000000000000
 ADDRESS: 41000000000000000000
 CITY STATE ZIP CODE: 41000000000000000000

TICKET 1 OF 1
 OWNER 1

SERVICE LOCATIONS: 1. 2-25 LEASE: 11/11/14 COUNTY/PARISH: Ness STATE: KE DATE: 12-15-14
 2. 2-25 CONTRACTOR: Discoversy Drilling RIG NAME/NO.: #3 Batten SHIPPED VIA: PT DELIVERED TO: S/Markus, K ORDER NO.:
 3. WELL TYPE: 011 WELL CATEGORY: In Field JOB PURPOSE: Complete Surface Casings WELL PERMIT NO.: WELL LOCATION:
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575		1			MILEAGE #113	32	mi				610	19680
576.5		1			Handy Charge - curt Shell on Surface	1	ea	231	A		10000	231000
577		1			D. 2010	2	gal				4200	8400
578		2			Structured Cement	152	46	14100	lbs		1450	217500
579		2			Calcium Chloride 3%	4	100	5	50		5000	25000
579		2			Perbuto Gel 2%	200	100	3	50		2500	7500
581		2			Spillout Charge - Cement	152	46	14100	lbs		1450	217500
582		2			Minimum Drayage	100					35000	35000

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.

DATE SIGNED: 12-18-14 TIME SIGNED: 9:30 A.M. P.M.
 X [Signature]

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY: 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

SWIFT OPERATOR: [Signature] APPROVAL: [Signature]

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

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 12-15-11 PAGE NO. 1

CUSTOMER American Drilling, Inc WELL NO. 2-25 LEASE A1 A1 H JOB TYPE Concret Surface TICKET NO. 27011

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		TD 231'	DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING		
	2030					38 1/4"	95 lb		On location - Rig Dtg 150 cks Std Cut, 2 1/2 gal, 3 1/2 C.C. Setup Tks.
	2130								Rig start 8 3/4" - 25' ft. run to 25'
	2145								Fin running casing
	2150								Start circ - Chain down Fin circ. Hook up to Smith
		4	5				200		Start Hyc a road
		4					200		Start 150 cks Std cut, 2 1/2 gal, 3 1/2 C.C.
			36 cut				100		Fin cut. - Go to Displ
			8 Displ				100		cut circulating
	2215		12 3/4				150		Fin Displ
							150		Close in Release tk
	2230								Job Complete Wash up & Hook up
									<i>Thalits</i> Llan, Jon, Steve & Kristen



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

TICKET 28145

PAGE 1 OF 2

1. SERVICE LOCATIONS North KS WELL/PROJECT NO. 2-25 LEASE M M H COUNTY/PARISH NEO STATE KS CITY Alexander DATE 11/24/14 OWNER _____
 2. TICKET TYPE SERVICE SALES CONTRACTOR _____ RIG NAME/NO. 3 SHIPPED ERT DELIVERED TO Production ORDER NO. _____
 3. WELL TYPE 0.1 WELL CATEGORY Development JOB PURPOSE com-1 long string WELL PERMIT NO. _____ WELL LOCATION 25-20-21
 4. REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1		MILEAGE	41	mi			6.00	240.00
578		1		Pump Charge	1	ea			1500.00	1500.00
402		1		Contractor Fee	5	ea			70.00	350.00
403		1		Cement + Blast	5	in	2	ea	300.00	600.00
404		1		Port Collar	5	in	1	ea	390.00	290.00
406		1		Latex down p/s = 66/lc	5	in	1	ea	235.00	275.00
407		1		Lasret Flat shire w/ luro fix	5	in	1	ea	375.00	375.00
407		1		Latex down p/s = 66/lc	5	in	1	ea	235.00	275.00

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

DATE SIGNED _____ TIME SIGNED _____ A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY
 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?
 CUSTOMER DID NOT WISH TO RESPOND

AGREE UN-DECIDED DIS-AGREE

PAGE TOTAL 6240.00
 TAX 5598.00
 TOTAL 11838.00

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES
 APPROVAL _____
 SWIFT OPERATOR _____
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE: Jun 15 PAGE NO. 1

CUSTOMER: American Varrig WELL NO. 2-25 LEASE: M M H JOB TYPE: Cement long string TICKET NO. 28145

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 SK SA-2 cement w/ 4" floc 5 1/2" x 15.5" casing 118' - 4366' TD = 4367' Port collar #80 1359' Centralize 1, 2, 3, 4, 79 Basket 5, 80 shot 42.58'
	0530							on loc TRK 114
	0635							Start 5 1/2" x 15.5" casing in well
	0622							Drop ball - circulate - 30 SK
	0900	4 1/2	12			250		Stop Pump 500 gal mud flush
		4 1/2	20			250		Pump 20 bbl KCL fluid
			7					Plug R11 - MH 30 SK - 20 SK
	0919	4 1/2	35			250		Mix SA-2 cement @ 15.3 gpm 125 SK
								Drop latch down plug wash out pump & line
	0940	6 1/4				200		Displaces plug
		6 1/4	103			750		
	1000	6	103			1500		land plug
	1004							Release pressure to truck - dried up
	1005							wash truck
								Rock up
	1040							job complete
								Thanks Blaine Flint & crew



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

TICKET CONTINUATION

CUSTOMER
American Wellstar

WELL
LWH 2-25

DATE
11/20/11

PAGE
2 OF 2

TICKET No. 28195

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
		LOC	ACCT	DR			QTY	U/M	QTY	U/M		
325		1				STANDARDS (first 2)	175	5%			141.50	2537.50
284		1				Cal Seal	800	16	8	5%	35.00	280.00
283		1				S&T	900	16			0.20	180.00
292		1				h/mt-322	125	16			8.00	1000.00
276		1				Fluore	320	16			2.50	800.00
281		1				MUD FLISK	12		320	gal	1.25	400.00
281		1				KCL Liquid			2	gal	25.00	50.00
290		1				D-air	260	1			42.00	84.00
SERVICE CHARGE MILEAGE TOTAL WEIGHT 19325 LOADED MILES 40 CUBIC FEET 195 TON MILES 36.5												
581		1									2.00	350.00
583		1									1.00	366.50
CONTINUATION TOTAL											5598.00	



Services, Inc.

CHARGE TO:

ADDRESS

American Warrior

TICKET 28154

CITY, STATE, ZIP CODE

PAGE 1 OF 1

1. SERVICE LOCATIONS Aubrey KS	WELL/PROJECT NO. 2-25	LEASE MMH	COUNTY/PARISH Dea	STATE KS	CITY Bazine	DATE 21 Dec 15	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	WELL CATEGORY H-D	SHIPPED W/CT	DELIVERED TO location	ORDER NO.	WELL LOCATION
3. REFERRAL LOCATION	WELL TYPE oil	JOB PURPOSE Development cement Port collar	WELL PERMIT NO.				

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.		
575					TRK 114	30				6.00	180.00
576B					Pump Charges	1				1500.00	1500.00
330					SMD cement	175	sk			18.50	3237.50
276					Flanges	50	lb			2.50	125.00
290					D-air	2	gals			42.00	84.00
581					Service charge	175	sk			2.00	350.00
583					Drillage	17	ft			1.00	17.00
104					Port collar tool rental	1	mo			250.00	250.00
102					Service outside Brite Pylor	1	mo			1200.00	1200.00

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

DATE SIGNED: X 5 Dec 11
TIME SIGNED: 1:50

DATE: 21 Dec 15
TIME: 1:50

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO
WE UNDERSTOOD AND MET YOUR NEEDS? YES NO
OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO
ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 718771
TAX: 6.15%
TOTAL: 7488.84

SWIFT OPERATOR: [Signature]

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature]

APPROVAL: [Signature]

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 21 Jan 15 PAGE NO.

CUSTOMER American Warrior WELL NO. 2-25 LEASE M M H JOB TYPE Cement part collar TICKET NO. 28154

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk SMD w/ 1/2" floccle 28' 5 1/2" Port collar 1359' RBP - 3500' 1sk sand on plug
	1330							on loc TRK 114 well blowing back air
	1424	3 1/2	8 2			1000 600	1000	test to 1000psi - open part collar Inj rate 350 bbl
	1436	3 1/2	9 1/2 4			800		mix SMD cement @ 11.2 ppg - 4 1/2 gal fluid to surface -
		3 1/2	9 1/2			1000		cement to surface { 175 sk mixed 15 to P }
	1455		4 1/2					4 1/2 Displace w/ H2O close part collar
	1503					1000	1000	test to 1000psi - hold Run 5' joints
	1520		30					Reverse hole clean - 2 cement floccle - wash truck
	1530							run down plug @ 3500'
	1620		30					wash sand off plug - latched on to plug
	1700							Pack up job complete Thanks Steve, Flint, & Rob



DRILL STEM TEST REPORT

Prepared For: **American Warrior Incorporated**

PO Box 399
Garden City, Kansas 67846

ATTN: Jason Alm

MMH #2-25

25-20s-21w Ness,KS

Start Date: 2015.01.10 @ 13:20:00

End Date: 2015.01.10 @ 20:57:53

Job Ticket #: 62040 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.01.13 @ 10:50:00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Incorporated

25-20s-21w Ness,KS

PO Box 399
Garden City, Kansas 67846

MMH #2-25

Job Ticket: 62040

DST#: 1

ATTN: Jason Alm

Test Start: 2015.01.10 @ 13:20:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:29:23

Time Test Ended: 20:57:53

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: S1

Interval: 4360.00 ft (KB) To 4367.00 ft (KB) (TVD)

Reference Elevations: 2215.00 ft (KB)

Total Depth: 4367.00 ft (KB) (TVD)

2207.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6749

Inside

Press@RunDepth: 225.14 psig @ 4363.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.10

End Date:

2015.01.10

Last Calib.:

2015.01.10

Start Time: 13:20:23

End Time:

20:57:53

Time On Btm:

2015.01.10 @ 15:28:43

Time Off Btm:

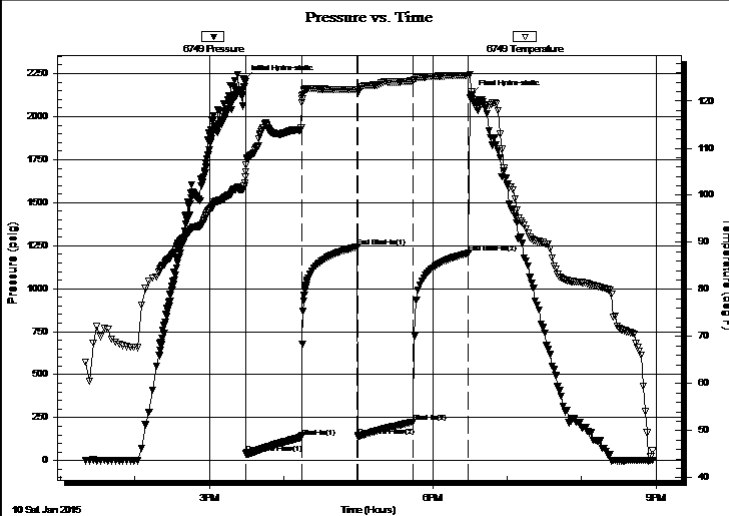
2015.01.10 @ 18:31:23

TEST COMMENT: IFP 45 Minutes BOB in 16 minutes 30 seconds

ISI 45 Minutes Blow back built to 2 1/2"

FFP 45 Minutes BOB in 32 minutes

FSI 45 Minutes Blow back built to 1 3/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2217.10	102.60	Initial Hydro-static
1	44.80	104.96	Open To Flow (1)
46	138.44	119.63	Shut-In(1)
91	1242.51	122.52	End Shut-In(1)
92	140.49	122.07	Open To Flow (2)
136	225.14	124.29	Shut-In(2)
181	1206.07	125.49	End Shut-In(2)
183	2128.46	122.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Water with a show of oil Water 100%	1.45
263.00	OCMW Mud 10% Oil 10% Water 80%	3.69
93.00	Clean Oil 100%	1.30
0.00	201 feet of gas in pipe	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Incorporated

25-20s-21w Ness, KS

PO Box 399
Garden City, Kansas 67846

MMH #2-25

Job Ticket: 62040

DST#: 1

ATTN: Jason Alm

Test Start: 2015.01.10 @ 13:20:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:29:23

Time Test Ended: 20:57:53

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: S1

Interval: 4360.00 ft (KB) To 4367.00 ft (KB) (TVD)

Reference Elevations: 2215.00 ft (KB)

Total Depth: 4367.00 ft (KB) (TVD)

2207.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6663 Outside

Press@RunDepth: 1205.02 psig @ 4364.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.10

End Date: 2015.01.10

Last Calib.: 2015.01.10

Start Time: 13:20:01

End Time: 20:59:54

Time On Btm: 2015.01.10 @ 15:30:13

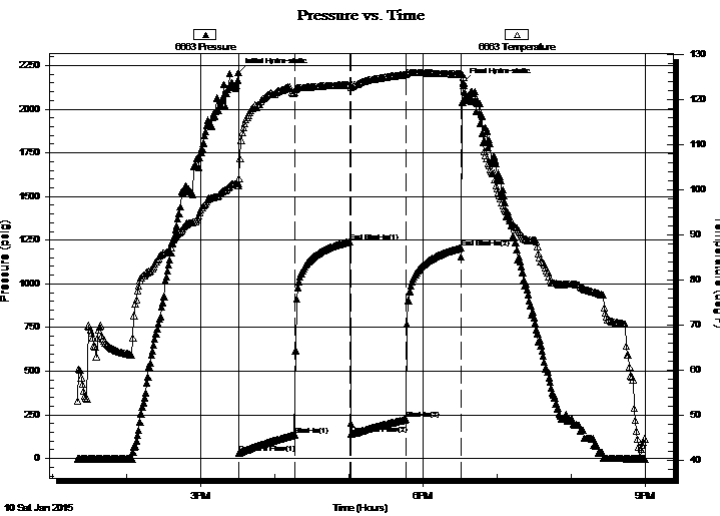
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TEST COMMENT: IFP 45 Minutes BOB in 16 minutes 30 seconds

ISI 45 Minutes Blow back built to 2 1/2"

FFP 45 Minutes BOB in 32 minutes

FSI 45 Minutes Blow back built to 1 3/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2210.95	100.89	Initial Hydro-static
1	32.66	101.30	Open To Flow (1)
46	135.84	121.45	Shut-In(1)
91	1241.63	123.22	End Shut-In(1)
92	140.22	122.72	Open To Flow (2)
136	224.32	125.49	Shut-In(2)
181	1205.02	125.58	End Shut-In(2)
183	2153.11	124.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Water with a show of oil Water 100%	1.45
263.00	OCMW Mud 10% Oil 10% Water 80%	3.69
93.00	Clean Oil 100%	1.30
0.00	201 feet of gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Incorporated

25-20s-21w Ness, KS

PO Box 399
Garden City, Kansas 67846

MMH #2-25

Job Ticket: 62040

DST#: 1

ATTN: Jason Alm

Test Start: 2015.01.10 @ 13:20:00

Tool Information

Drill Pipe:	Length: 4311.00 ft	Diameter: 3.80 inches	Volume: 60.47 bbl	Tool Weight: 2000.00 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: 31.53 ft	Diameter: 2.25 inches	Volume: 0.16 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 60.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.53 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4360.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4338.00	
Hydraulic tool	5.00			4343.00	
Jars	5.00			4348.00	
Safety Joint	2.00			4350.00	
Top Packer	5.00			4355.00	
Packer	5.00			4360.00	27.00 Bottom Of Top Packer
Anchor	2.00			4362.00	
Recorder	1.00	6749	Inside	4363.00	
Recorder	1.00	6663	Outside	4364.00	
Bullnose	3.00			4367.00	7.00 Anchor Tool
Total Tool Length:	34.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Incorporated

25-20s-21w Ness,KS

PO Box 399
Garden City, Kansas 67846

MMH #2-25

Job Ticket: 62040

DST#: 1

ATTN: Jason Alm

Test Start: 2015.01.10 @ 13:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	Water with a show of oil Water 100%	1.452
263.00	OCMW Mud 10% Oil 10% Water 80%	3.689
93.00	Clean Oil 100%	1.305
0.00	201 feet of gas in pipe	0.000

Total Length: 480.00 ft

Total Volume: 6.446 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

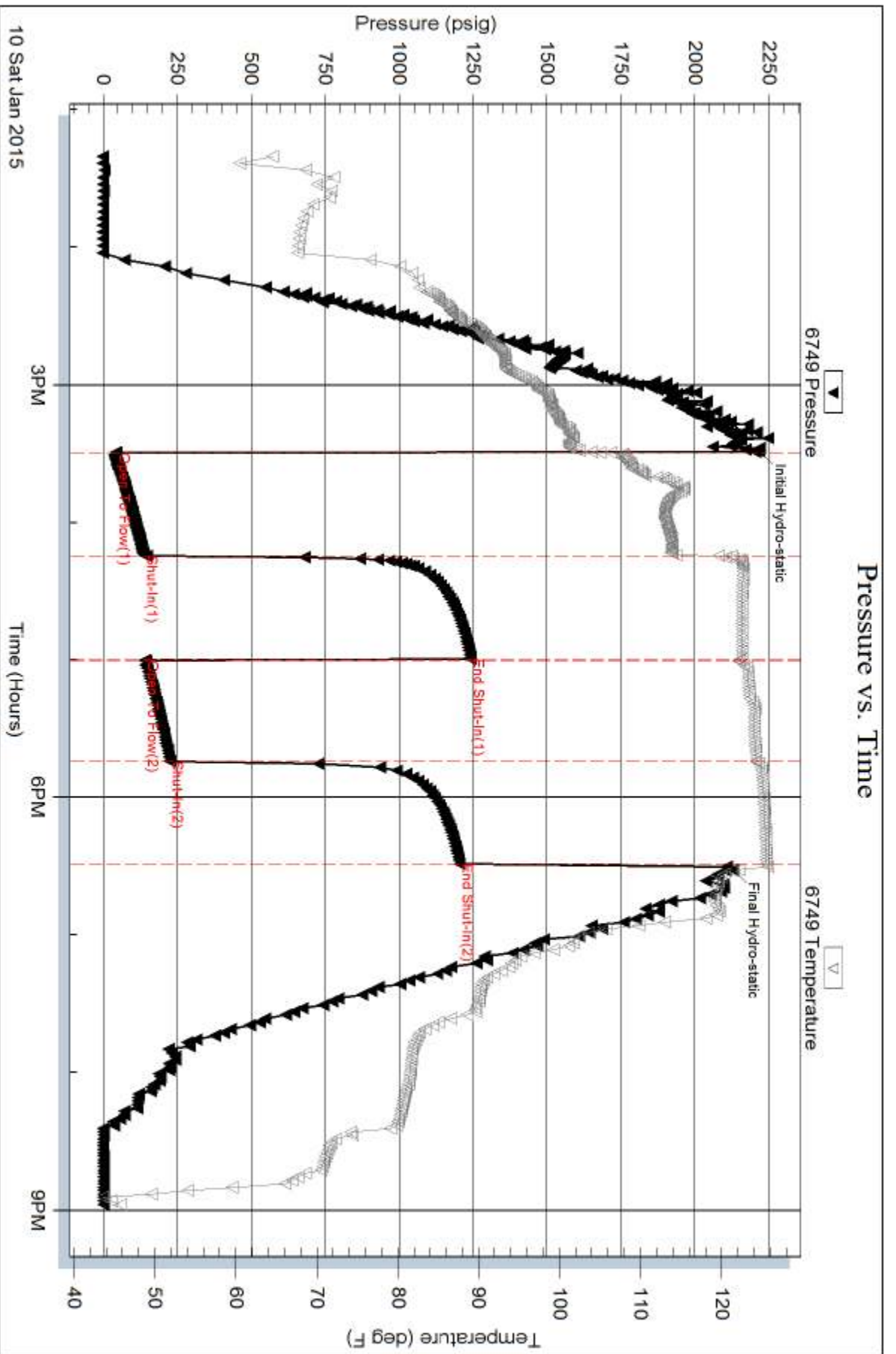
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Inside

American Warrior Incorporated

MMH#2-25

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 62040

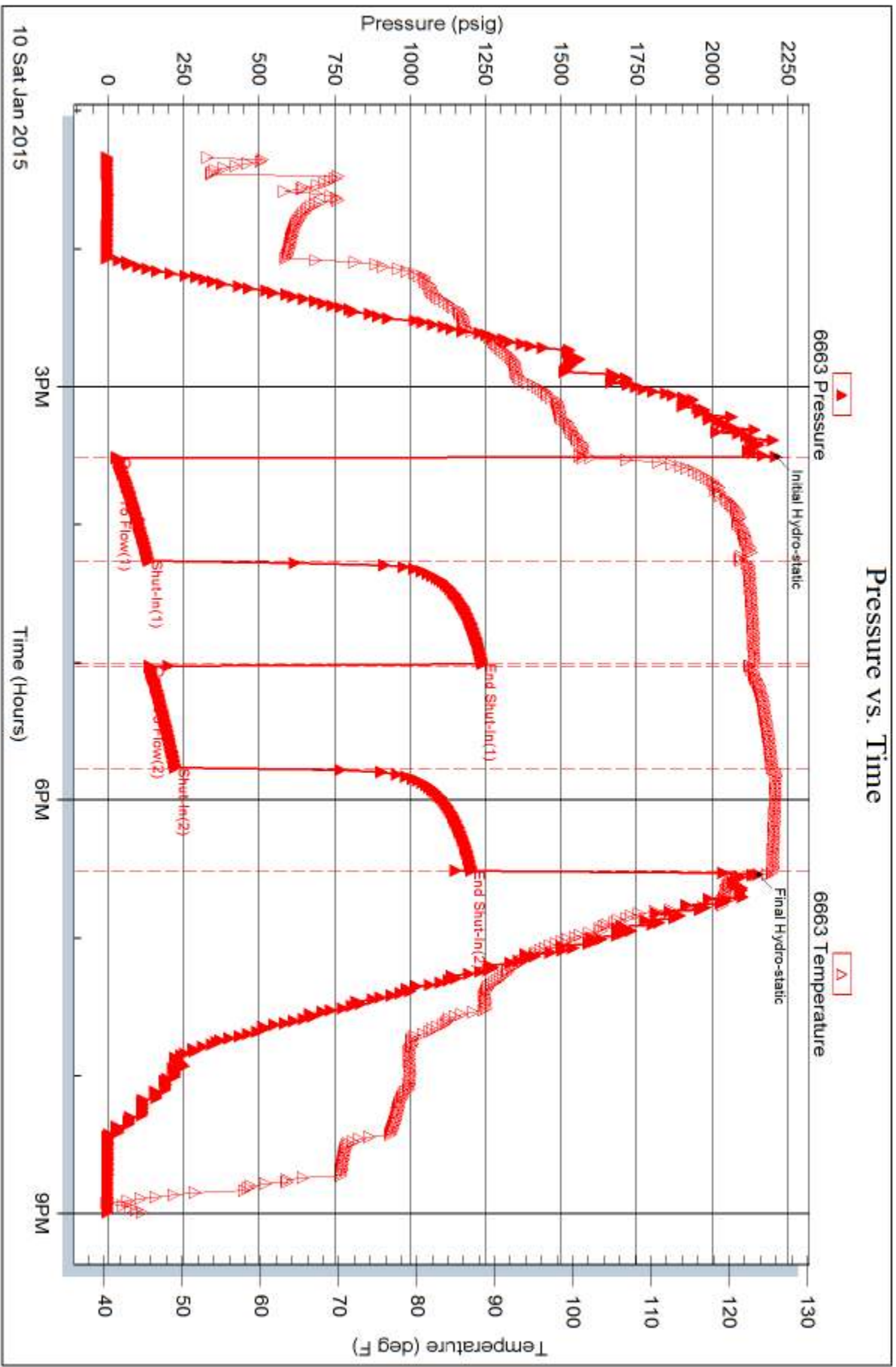
Printed: 2015.01.13 @ 10:50:01

Serial #: 6663

Outside American Warrior Incorporated

MMH #2-25

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 62040

Printed: 2015.01.13 @ 10:50:01



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62040

Well Name & No. MMH #2-25 Test No. 1 Date 10 Jan 15
 Company American Warrior Incorporated Elevation 2215 KB 2207 GL
 Address 3118 Cummings Road, PO Box 399, Garden City, Kansas 67846
 Co. Rep / Geo. Jason Alm Rig Discovery Rig #3
 Location: Sec. 25 Twp. 20S Rge. 21W Co. Ness State KS

Interval Tested 4360-4367 Zone Tested Mississippi
 Anchor Length 7 Drill Pipe Run 4311 Mud Wt. 9.2
 Top Packer Depth 4355 Drill Collars Run 31.35 Vis 65
 Bottom Packer Depth 4360 Wt. Pipe Run 0 WL 10.0
 Total Depth 4367 Chlorides 8100 ppm System LCM Trace
 Blow Description Good blow/Blow built to bottom of bucket in 16 minutes 30 seconds
Blow back built to 2 1/2 inches
Fair blow/Blow built to bottom of bucket in 32 minutes
Blow back built to 1 3/4 inch

Rec	Feet of	%gas	%oil	%water	%mud
<u>201</u>	<u>995 in pipe</u>	<u>100</u>			
<u>93</u>	<u>clean oil</u>		<u>100</u>		
<u>263</u>	<u>mud + oil cut water</u>		<u>10</u>	<u>80</u>	<u>10</u>
<u>124</u>	<u>Water with show of oil</u>			<u>100</u>	

Rec Total 480 BHT 126 Gravity 37 API RW .18 @ 62 ° F Chlorides 27,000 ppm
 (A) Initial Hydrostatic 2217 Test 1150 T-On Location 10:30 am
 (B) First Initial Flow 44 Jars 250 T-Started 1:20 pm
 (C) First Final Flow 138 Safety Joint 75 T-Open 3:31 pm
 (D) Initial Shut-In 1242 Circ Sub _____ T-Pulled 6:31 pm
 (E) Second Initial Flow 140 Hourly Standby _____ T-Out 8:57 pm
 (F) Second Final Flow 225 Mileage 110 110 Comments _____
 (G) Final Shut-In 1206 Sampler _____
 (H) Final Hydrostatic 2128 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Initial Open 45 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1585
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1585

Approved By [Signature] Our Representative [Signature]

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 of 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.