Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1299130

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd. CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to SWD	Delline Field Measurement Dise
Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Chlorido content: nnm_ Eluid volumo; hblo
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or	
Recompletion Date Recompletion Date	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:								

	Page Two	1299130
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRINCTIONS. Chave important tang of formations paratrated	atail all aaraa Bapart all final	popios of drill stome tosts giving interval tosted, time tool

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 (Attach Additional Sheets)		Yes No		C C	on (Top), Depth an		Sample
Samples Sent to Geolog	Samples Sent to Geological Survey		Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		on, 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 / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	

Purpose. Perfe	orate	Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Prote	ect Casing Back TD				
Plug Off Zone					

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

(If No, skip questions 2 and 3) (If No, skip question 3)

No

No

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, Ce (Amount and Kind	ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	e: S	Set At:	Pack	er At:	Liner F		No	
Date of First, Resumed	Producti	on, SWD or ENHR.		Producing Method:	nping	Gas Lift	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours		Oil Bbls.		Gas Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	DISPOSITION OF GAS: METHOD OF COMP			OF COMPL	ETION:		PRODUCTION INTI	ERVAL:	
			Dpen Hole Perf.	Duall (Submit	,	Commingled (Submit ACO-4)			

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Brenner Brothers 1-30
Doc ID	1299130

Tops

Name	Тор	Datum
Anhydrite	1521	704
Heebner	3685	-1460
Lansing	3732	-1507
Base Kansas City	4001	-1776
Pawnee	4104	-1879
Ft. Scott	4187	-1962
Cherokee	4206	-1981
Mississippian	4275	-2050
RTD	4300	-2075

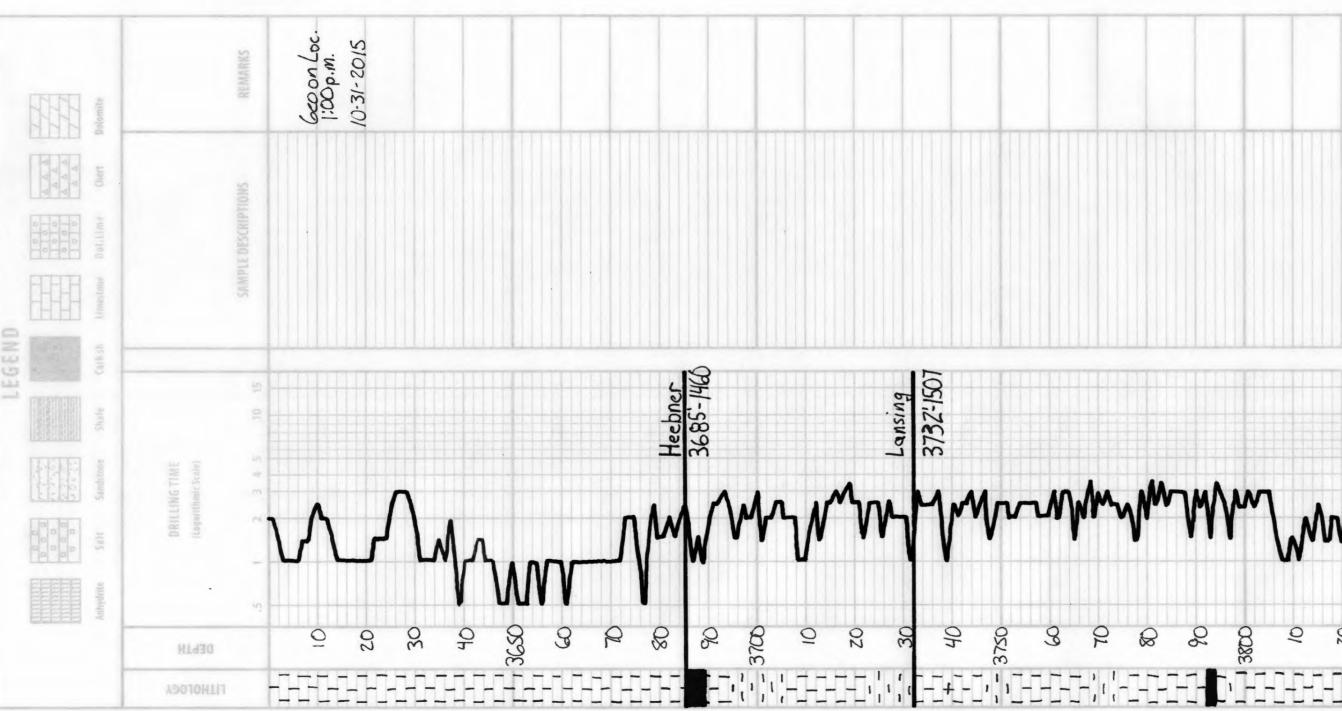
Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Brenner Brothers 1-30
Doc ID	1299130

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	222	Common		3% CC, 2% gel
Production	7.875	5.5	15.5	4299	EA-2	175	1/4# Flocele

HARDROC Consulting, Inc.		Geologic Drilling Time and				Drilling Contractor Commenced Samples Saved Fr Drilling Time Kep Samples Examine Geological Superv	Rig #3 11-2-2015 RTD RTD RTD RTD RTD				
Operator America	n Warrio	r, Inc.		EI KB	evation 2225'						
Lease Brenner Br		No.	1-30	DF	2217'	Displacement	3500'	Mud 7	Гуре	Chemical	
		110.	1 50	GL Casin	ng Record						
API # 15-135-25884-0000				Surface			~				
Field Schoolhouse North				8 5/8 Productio	8" @ 223' n		Sumn	nary and	d Reco	mmendation	ns
Location 1090' FNL & 700' FEL				5 1/2	2" @ 4299' ical Surveys						und via 3-D seismic the survey. One
Sec. 30 Tw	p. 17s	Rge.	21w		None	Drill Stem Te	est was con	ducted w	hich rec	overed comm	nercial amounts of oil thered data had been
County Ness	State	Kai	isas	1			decision w	vas made	to run 5	51/2 inch pro	duction casing to
Formation	Lo	g Tops	Samp	le Tops	Struct Comp		ate the Div		other s #1	-50 wen.	
Anhydrite			1521	+704							
Base			_	+ 671	<u> </u>						
Heebner			-	' -146 0	-2						
Lansing			-	' -1507							
BKC			-	<u>-1776</u>	+2						
Pawnee Fort Spott			-	' -1879	-1 -3						
Fort Scott Cherokee				' -1962 ' -1981	-3						
Mississippian			-	' -2050	+2						
Osage			-	' -2059							
										Respec	tfully Submitted,
Total Depth			4300	' -2075	<u>├</u> ──┤						
Reference Well For Struc 660' FNL & 560' FEL Sec.			Bucklin B	renner #1						Jason T Hard R	f Alm .ock Consulting, Inc.

found via 3-D seismic via the survey. One nmercial amounts of oil gathered data had been 5



LSTon-L+ bry, Subxla,	3h - Gry - Bra. Drk Gry Lo. Offluh - Ton Fa - Subula, Borrent Pose - france com gr	Sh-Brn Borren Pairs-Estiel soom Brn. Sh- Gry	Sh- Gry LS- Ton- / thory Sub x (m. S), Boureun Poor Seat and S), Boureun Drk Gry Sh- Ork Gry Sh- Ork Gry Sh- Ork Gry Sh- Ork Gry	Sh- Bin-Gery Ls- Ten-Lt. Gury, Subula, ONS Ls- ala Sh- Bin Sh- Bin Sh- Bin Sh- Bin Ls- Tan-Lt. buy, Subula, ONS Ls- Tan-Lt. buy, Subula, ONS Ls- Tan-Lt. buy, Subula, ONS Ls- Tan-Lt. buy, Subula, ONS Ls- Tan-Lt. buy, Subula, ONS Sh- Bin-Giy	Ls. Ten- Offich, Subuh, DWS Sh. Cory Gen Ls. Lt. Gry, Subuh, DWS Ls. ala Ls. ala	 Sh-Bik, Cud. Sh-Bik, Cud. Sh-Cud. Sh-Cud. Sh-Ok Gry Sh
Mr. Mr. Mr.	Ś	N/N/N	May Werk	MMM	HICH-IBIG	Fort Scott 22 LIB7'-1962 4 1B7'-1962 56 Cherokce 1206'-1981 1 1206'-1981 1 1 1206'-2059 1300'-2015 1300'-2015
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		3380 4 30 B	3	7	9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 8 9 9 8 8 9 9 9 8 8 8 8 8 8 8 8 8 8 8

Geological Report

Brenner Brother #1-30

1090' FNL & 700' FEL Sec. 30 T17s R21w Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Brenner Brothers #1-30 1090' FNL & 700' FEL Sec. 30 T17s R21w Ness County, Kansas API # 15-135-25884-0000
Drilling Contractor:	Discovery Drilling Co. Inc. Rig #3
Geologist:	Jason T Alm
Spud Date:	October 22, 2015
Completion Date:	November 2, 2015
Elevation:	2217' Ground Level 2225' Kelly Bushing
Directions:	Bazine KS, East ¹ / ₂ mi. to EE Rd. North 5 ¹ / ₂ mi. East into location.
Casing:	223' 8 5/8" surface casing4299' 5 1/2" production casing
Samples:	10' wet and dry, 3900' to RTD
Drilling Time:	3600' to RTD
Electric Logs:	None
Drillstem Tests:	Trilobite Testing, Inc. "Ken Swinney"
Problems:	None
Remarks:	None

	American Warrior, Inc.
	Brenner Brothers #1-30
	Sec. 30 T17s R21w
Formation	1090' FNL & 700' FEL
Anhydrite	1521', +704
Base	1554', +671
Heebner	3685', -1460
Lansing	3732', -1507
BKC	4001', -1776
Pawnee	4104', -1879
Fort Scott	4187', -1962
Cherokee	4206', -1981
Mississippian	4275', -2050
Osage	4284', -2059
RTD	4300', -2075

Formation Tops

Sample Zone Descriptions

Fort Scott(4187', -1962): Not TestedLs –Fine to sub-crystalline with pinpoint inter-crystalline porosity,
very light spotted oil stain, mostly barren and tite, fair yellow
fluorescents, 56 units hotwire.

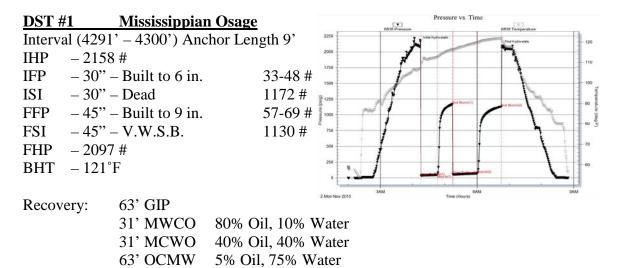
Mississippian Osage (4284', -2059): Covered in DST #1 & 2

Dolo – Δ – Fine sucrosic crystalline with poor inter-crystalline porosity, very heavy slightly triptolic chert, partially weathered with good vuggy porosity, light to fair oil stain with light scattered saturation in porosity, fair scattered yellow fluorescents, 55 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc.

"Ken Swinney"



Formation	American Warrior, Inc. Brenner Brothers #1-30 Sec. 30 T17s R21w 1090' FNL & 700' FEL	William N Bucklin Brenner #1 Sec. 30 T17s R21w 660' FNL & 560' FEL	William N Bucklin Brenner #6 Sec. 30 T17s R21w 1650' FNL & 600' FEL		
Anhydrite	1521', +704	NA	NA	NA	NA
Base	1554', +671	NA	NA	NA	NA
Heebner	3685', -1460	3686', -1458	(-2)	3674', -1455	(-5)
Lansing	3732', -1507	NA	NA	NA	NA
BKC	4001', -1776	4006', -1778	(+2)	3992', -1773	(-3)
Pawnee	4104', -1879	4106', -1878	(-1)	4094', -1875	(-4)
Fort Scott	4187', -1962	4187', -1959	(-3)	4180', -1961	(-1)
Cherokee	4206', -1981	4208', -1980	(-2)	4196', -1977	(-4)
Mississippian	4275', -2050	4280', -2052	(+2)	4264', -2045	(-5)
Osage	4284', -2059	NA	NA	NA	NA

Summary

The location for the Brenner Brothers #1-30 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 $\frac{1}{2}$ inch production casing to further evaluate the Brenner Brothers #1-30 well.

Recommended Perforations

Primary: Mississippian Osage	4288' – 4298'	DST #1
Before Abandonment: Fort Scott	4194' – 4198'	Not Tested

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc.



DRILL STEM TEST REPORT

Prepared For:

American Warrior Inc

PO Box 399 Garden City, KS 67846

ATTN: Jason Alm

Brenner Brother 1-30

30-17s-21w Ness,KS

 Start Date:
 2015.11.02 @ 02:00:00

 End Date:
 2015.11.02 @ 08:49:31

 Job Ticket #:
 61959
 DST #:
 1

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

Printed: 2015.11.02 @ 11:20:16

American Warrior Inc

30-17s-21w Ness,KS

RILOBITE	DRILL STEM TES		ORT					
	American Warrior Inc	American Warrior Inc			30-17s-21w Ness,KS			
ESTING , IN	10 00x 000				Brenner Brother 1-30			
	Garden City, KS 67846	Job T	Job Ticket: 61959 DST#:1			¢:1		
Now.	Test Start: 2015.11.02 @ 02:00:00							
GENERAL INFORMATION:	•							
Formation:MississippiDeviated:NoWhipstock:Time Tool Opened:04:15:01Time Test Ended:08:49:31	ft (KB)		Test Teste Unit N	er: K	Convention Ken Swinn 58		Hole (Initial)	
Interval:4291.00 ft (KB) ToTotal Depth:4300.00 ft (KB) (Hole Diameter:7.88 inches Ha	Reference Elevations: 2225.00 ft (KB) 2217.00 ft (CF) KB to GR/CF: 8.00 ft				00 ft (CF)			
Serial #: 6838 Inside Press@RunDepth: 68.87 psig Start Date: 2015.11.02 Start Time: 02:00:01 TEST COMMENT: IFP 30 Minutes, ISI 30 Minutes, FEP. 45 Minutes	End Date: End Time: Fair blow built to 6"	2015.11.02 08:49:31	Capacity: Last Calib. Time On B Time Off B	tm: 2	2015.11.02 2015.11.02	2015.11.0 @ 04:14:1	16	
	s/Very weak surface blow back	Time	PR	ESSUR Temp	E SUMM Annotati			
		(Min.) 0 1 32 60 61	(psig) 2158.09 33.24 47.94 1171.54 57.84		Initial Hydr Open To I Shut-In(1) End Shut- Open To I	Flow (1) n(1)		
		106 151 153	68.87 1130.47 2096.56	119.65 121.69		ln(2)		
344 Time (Hou					Deter			
Length (ft) Description	Volume (bbl)			Gas Choke (ir	s Rates	ure (psig)	Gas Rate (Mcf/d)	
63.00 OCMW Oil 5%/Mud 20%	. ,				11007 11000			
31.00 MCWO Mud 20% Wate								
31.00 MWCO Mud 10% Wate	· 10% Oil 80% 0.43							
0.00 63' GIP	0.00							
↓	ļ							

RILOBITE	DRILL STEM TES	DRILL STEM TEST REPOR						
	American Warrior Inc		30-	30-17s-21w Ness,KS				
ESTING , I	PO Box 399 Garden City, KS 67846				Brenner Brother 1-30			
	Garden City, KS 07040	Job	Ticket: 6'	1959	DST	#:1		
	ATTN: Jason Alm		Tes	t Start: 20	015.11.02	2 @ 02:00:00	0	
GENERAL INFORMATION:								
Formation:MissistippiDeviated:NoWhipstocTime Tool Opened:04:15:01Time Test Ended:08:49:31	c ft (KB)		Tes	ter:	Conventi Ken Sw i 58	onal Bottom nney	Hole (Initial)	
Interval: 4291.00 ft (KB) To Total Depth: 4300.00 ft (KB) Hole Diameter: 7.88 inches	Reference Elevations: 2225.00 ft (KB) 2217.00 ft (CF) KB to GR/CF: 8.00 ft				00 ft (CF)			
	2 End Date: 1 End Time:	2015.11.02 08:49:31	Capacity Last Cali Time On Time Off	b.: Btm:		8000. 2015.11. 02 @ 04:14: 02 @ 06:46:	16	
FSI 45 Minu: Pressure	es/Very w eak surface blow back			RESSUF				
220 000 Presse 000 Presse 00		Time (Min.) 0 1 32 60 61 106 151 153	Pressure (psig) 2155.75 19.84 44.89 1174.87 50.08 69.87 1133.95 2104.13		Open T Shut-In End Sh Open T Shut-In End Sh	ydro-static o Flow (1) (1) ut-In(1) o Flow (2) (2)		
Recove	у			Ga	s Rates	6		
Length (ft) Description	Volume (bbl)			Choke (inches) Pr	essure (psig)	Gas Rate (Mcf/d)	
63.00 OCMW Oil 5%/Mud 20	%/Water 75% 0.61							
31.00 MCWO Mud 20% Wat								
31.00 MWCO Mud 10% Wat								
0.00 63' GIP	0.00							
	Ref. No: 61959			Printed				

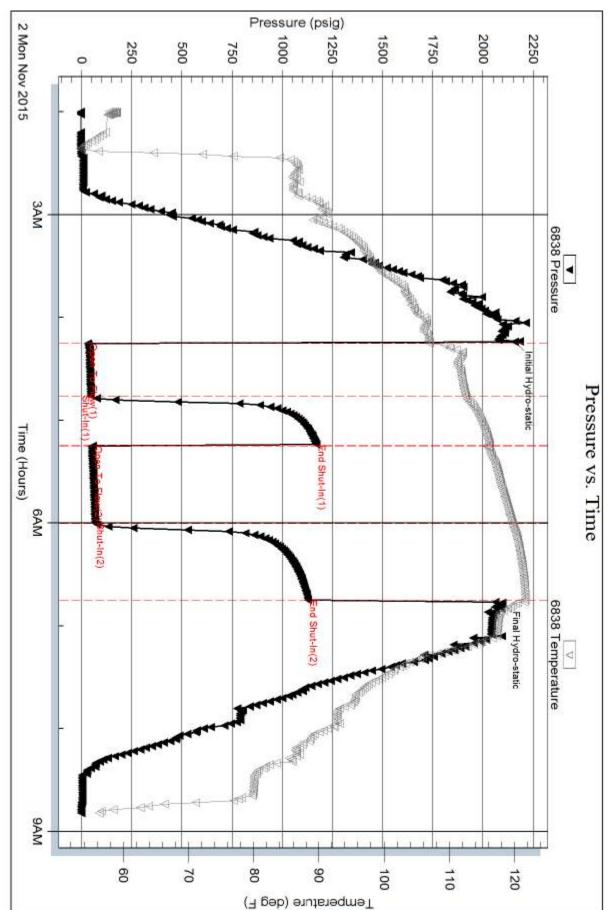
	DRILL STEN	/ TEST	REPOR	RT	TOOL DIAGRAM	
RILOBITE	American Warrior Inc			30-17s-21w Ness,KS		
ESTING , INC	PO Box 399			Brenner Brother 1-3	0	
	Garden City, KS 6784	6		Job Ticket: 61959	DST#:1	
New .	ATTN: Jason Alm			Test Start: 2015.11.02 @	02:00:00	
Tool Information						
Drill Pipe: Length: 4251.00 ft	Diameter: 3.80 inch	nes Volume:	59.63 bbl	Tool Weight:	2000.00 lb	
Heavy Wt. Pipe: Length: 0.00 ft	Diameter: 0.00 inch	nes Volume:	0.00 bbl	Weight set on Packer:		
Drill Collar: Length: 30.00 ft	Diameter: 2.25 inch	nes Volume:	0.15 bbl	Weight to Pull Loose:		
Drill Pipe Above KB: 17.00 ft	То	otal Volume:	59.78 bbl	Tool Chased	0.00 ft	
Depth to Top Packer: 4291.00 ft				String Weight: Initial	56000.00 lb	
Depth to Bottom Packer: ft				Final	57000.00 lb	
Interval betw een Packers: 9.00 ft						
Tool Length: 36.00 ft						
Number of Packers: 2	Diameter: 6.75 inch	nes				
Tool Comments:						
Tool Description Lei	ngth (ft) Serial No.	Position	Depth (ft) A	Accum. Lengths		
Shut-In Tool	5.00		4269.00			
Hydraulic tool	5.00		4274.00			
Jars	5.00		4279.00			
Safety Joint	2.00		4281.00			
Top Packer	5.00		4286.00			
Packer	5.00		4291.00	27.00	Bottom Of Top Packer	
Anchor	4.00		4295.00		-	
Recorder	1.00 6838	Inside	4296.00			
Recorder	1.00 6663	Outside	4297.00			
Bullnose	3.00		4300.00	9.00	Anchor Tool	
Total Tool Length:	36.00					

RILOBITE		TE		LL STEM TEST REPO			LUID SUMMAR	
SEN 1	Teor	ESTING , INC		American Warrior Inc		30-17s-21w Ness,KS		
TESTING, INC		NG, INC	PO Box 399 Garden City, KS 67846		Brenner	Brenner Brother 1-30 Job Ticket: 61959 DST#:1 Test Start: 2015.11.02 @ 02:00:00		
					Job Ticket:			
		ATTN:	Jason Alm	Test Start:				
Nud and Cu	ushion Info	rmation						
/lud Type: G	el Chem			Cushion Type:		Oil API:	35 deg API	
/lud Weight:	9.00 lb/gal			Cushion Length:	ft	Water Salinity:	14000 ppm	
/iscosity:	50.00 s	ec/qt		Cushion Volume:	bbl			
Vater Loss:	8.78 in			Gas Cushion Type:				
Resistivity:	O	nm.m		Gas Cushion Pressure:	psig			
Salinity:	4400.00 p	om						
Filter Cake:	1.00 in							
Recovery In	nformation							
				Recovery Table				
	ĺ	Lengt	h	Description	Volume			
		ft			bbl			
			63.00	OCMW Oil 5%/Mud 20%/Water 75%	0.6	10		
					0.4	35		
			31.00	MCWO Mud 20% Water 40% Oil 40%				
			31.00 31.00	MCWO Mud 20% Water 40% Oil 40% MWCO Mud 10% Water 10% Oil 80%				
			31.00 31.00 0.00	MCWO Mud 20% Water 40% Oil 40% MWCO Mud 10% Water 10% Oil 80% 63' GIP	0.4	35		
	Tota	al Length:	31.00 0.00	MWCO Mud 10% Water 10% Oil 80%	0.4	35		
		al Length:	31.00 0.00 125	MWCO Mud 10% Water 10% Oil 80% 63' GIP 6.00 ft Total Volume: 1.480	0.4 0.0	35 00		
	Nur	n Fluid Samp	31.00 0.00 125 les: 0	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0	0.4	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 e:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 le:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 le:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 le:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
	Nun Lab	n Fluid Samp oratory Nam	31.00 0.00 125 les: 0 le:	MWCO Mud 10% Water 10% Oil 80% 63' GIP 5.00 ft Total Volume: 1.480 Num Gas Bombs: 0 Laboratory Location:	0.4 0.0	35 00		
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Ref. No: 61959

Trilobite Testing, Inc



American Warrior Inc

Serial #: 6838

Inside

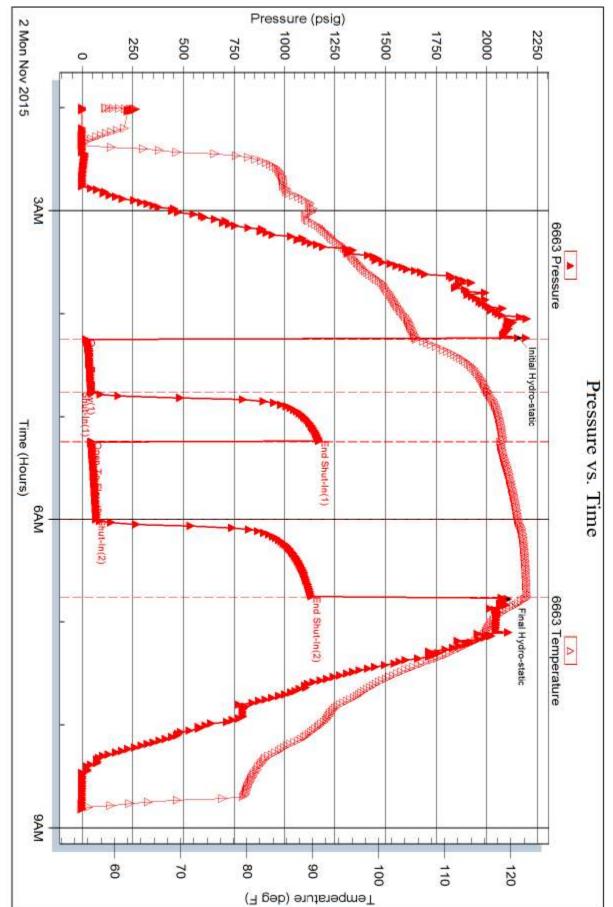
Brenner Brother 1-30

DST Test Number: 1

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Ref. No: 61959

Trilobite Testing, Inc



Outside American Warrior Inc

Serial #: 6663

Brenner Brother 1-30

DST Test Number: 1

RILOBITE		Test Ticket
4/10 ESTING INC. 1515 Commerce Parkway	• Hays, Kansas 67601	NO. 61959
Well Name & No. Brenner Brothers Company American Warrior I Address 3118 Cummings Road I Address 3118 Cummings Road I Co. Rep / Geo. Jason Alm Location: Sec. 30 Twp. 175 Interval Tested 4291-4300 Anchor Length 9 17286	Encorporated Elevation DO Box 399 Garden Citor Rig Dis Rge. 21 W Co. Mess Zone Tested Mississip Drill Pipe Run 425	Z Z Z Z KB_ Z Z / 7GL +y, Kansas 6 7846 covery Rig S State S State , 2,1
Bottom Packer Depth 4291 Total Depth -1300 Blow Description $F_{arr} \frac{56w}{Blow} \frac{Blow}{Blow}$	Wt. Pipe Run Chlorides <u>4400</u> pp built to binches	WL & . 8 m System LCM 1 #
Very weak & blow back Rec 63 Feet of Oil cut Muddy Rec 31 Feet of Mud cut W. Rec 31 Feet of Mud and War Rec 63 Feet of Gas in pipe	etery 0,1 %gas ter cut 0,1 %gas C 1002%gas	40 %oil 40 %water 20 %mud 80 %oil 10 %water 10 %mud %oil %water %mud %mud
RecFeet ofRec Total $1 \ge 5$ BHT(A) Initial Hydrostatic $\ge 15^{\circ}8^{\circ}$ (B) First Initial Flow 33° (C) First Final Flow 47° (D) Initial Shut-In 1171° (E) Second Initial Flow $5^{\circ}7^{\circ}$ (F) Second Final Flow $6^{\circ}8^{\circ}$ (G) Final Shut-In 1130° (H) Final Hydrostatic 2096°		$ \begin{array}{c} @ 55 F Chlorides 14,000 \text{ ppm} \\ T-On Location 1:07 am \\ T-Started 2:10 am \\ T-Open 4:15 am \\ T-Pulled 2:75 am \\ T-Out 8:50 am \\ Comments \\ \end{array} $
Initial Open <u>30</u> Initial Shut-In <u>30</u> Final Flow <u>45</u> Final Shut-In <u>45</u> Approved By	Shale Packer Extra Packer Extra Recorder Day Standby Accessibility Sub Total1569	Ruined Packer Bub Total Sub Total 1569 MP/DST Disc't

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 of 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.

Thank You!			be seen by a supervision and set succes listed all this linke		/AL	APPROVAL		SWIFT OPERATOR
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	TAX		ME OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY ARE YOU SATISFIED WITH OND SERVICES	WE OPERATED TH AND PERFORMED CALCULATIONS SATISFACTORILY7	P.O. BOX 466 NESS CITY. KS 67560		IVERY OF GOODS	START OF WORK OR DEL
			S HOUT DELAY?	PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC.	RTO	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO	MUST BE SIGNED BY CUS
) AND	WE UNDERSTOOD		DEMNITY, and	but are not limited to, PAYMENT, RELEASE, INDEMNITY, and I IMITED WARRANTY provisions	IMITED WARRANTY provisions
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FR	OWNER			STATE	COUNTYPARISH	30 LEASE	KS WELLPROJECT NO.	SERVICE LOCATIONS
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SWIFT Services, Inc. TICKET NO. 28862 JOB LOG CUSTOMER HURLING WELTOF LEASE Brenner Bir Hurs JOB TYPE Suppose p. WELL NO. -30 PRESSURE (PSI) TUBING CASING RATE (BPM) VOLUME (BBL) (GAL) CHART PUMPS TIME DESCRIPTION OF OPERATION AND MATERIALS NO. TC TUBING ISOSK STANDARD and 2% oct 3% CC 88-284 Casing TO = 223 51ts 222. It pine -2130 mlac TPK 114 start 88 * 28 Casing in wel 2226 2257 cinculate mul Mix STD 2%3 & count erfilige 14 2326 3% 37 làn 4% 2322 100 isplace of that 11,0 to surface. <u>cement</u> 13 allas piece to tevel -2330 2234 Pack up (ISTER MINEA 7 20 top! 12 M 1010 job complete RIME 的小学的社会中学校。 1. 1. S. S.

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0 10	That		AJAN /S TIME SIGNED	START OF WORK OR DELIVERY OF GOODS	OMER OR CUSTOMER'S AGENT	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to DAYNENT REI FASE INDEMNITY and											SECONDARY REFERENCE/ PART NUMBER	INVOICE INSTRUCTIONS	WELL TYPE					VIF I
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		CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The custor thereby action does		P.O. BOX 466 NESS CITY, KS 67560	SWIFT SERVICES, INC.	REMIT PAYMENT TO:		Xer	MUD FLUSH	TURBOLIZER	INSERT FLOAT SHOT W/FIL	LATCH DOWN PLUG & BALLL	D	CEMENT BASKETS	Fump CHARGE	MILEAGE D #115	DESCRIPTION		WELL CATEGORY JOB PURPOSE	DISCONERY DRILLING# 3 HIGHMAND	BRENNER BRAS 1-30 NESS			IMERICAN WARRIDR
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																			ACCOUNTING Log Acct by	Ness Cny, KS 67560 Off: 785-798-2300	PO Box 466
	Contraction O Rossal and and			ATA										DAR	HALAD 322	CALSEAL	SALT	FLOCELE	TIME DESCRIPTION	CUSTAMERICAN WARRIOR	TICKET CONTINUATION
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CHART TIME RATE VOLUME PUMPS PRESSURE (PSI) 1530 USED CHART TIME RATE (BPM) (BBL) (GAL) T C TUBING CASING ON ACCATION	N AND MATERIALS
CHART NO. RATE (BPM) VOLUME (BAL) PUMPS PRESSURE (PSI) DESCRIPTION OF OPERATION NO. If C T C TUBING CASING DESCRIPTION OF OPERATION	N AND MATERIALS
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1921 6 12 N 300 Pump 500 gazmul	Ernela
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1929 7,5 PLUGRH·305 M	H-205-
1934 4 30 V MIX 125 SX EA-2	
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1947 WASH OUT PUMP \$1	LINES.
1950 6 N START DISPLANING	PLU6
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rest here	PAGE TOTAL			Performed Xown?	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	REMIT PAYMENT IC:	hich include,	the terms and conditions on the reverse side hereof which include.	and conditions on th	the terms
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CUSTOMER	in Warr		WELL NO	3		Breny	_ R_	there Coment Shi Part Collar	DATE 12-3-15 PAGE TICKET NO. 29130
CHART	TIME	RATE	VOLUME	PUM	P8	PRESSUR	le (PSI)		
<u>NO.</u>	0630	(BPM)	(BBL) (GAL)	T	C	TUBING	CASING	DESCRIPTION OF OPERATION AND N	
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