

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1203199

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:			Sec	TwpS. R	
Address 2:			Feet from North / South Line of Section		
City: St	ate: Zip	D:+	Feet	from East / West Line of Section	
Contact Person:			Footages Calculated from Ne	earest Outside Section Corner:	
Phone: ()			□ NE □ NW	☐ SE ☐ SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				g. xx.xxxxx) (e.gxxx.xxxxx)	
Wellsite Geologist:			Datum: NAD27 NAD27		
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well #:	
New Well Re-	·Fntrv	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:	
☐ Gas ☐ D&A ☐ OG	☐ ENHR	☐ SIGW ☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:	
CM (Coal Bed Methane)	G3W	iemp. Abd.	Amount of Surface Pipe Set a	and Cemented at: Fee	
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Co		
If Workover/Re-entry: Old Well Inf				Fee	
Operator:				nent circulated from:	
Well Name:			, ,	w/sx cm	
Original Comp. Date:			loot doparto.		
	_	NHR Conv. to SWD			
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management F (Data must be collected from the		
Commingled	Permit #:		Chloride content:	ppm Fluid volume: bbl	
Dual Completion	Permit #:		Dewatering method used:		
SWD	Permit #:		Location of fluid disposal if ha	auled offsite:	
☐ ENHR	Permit #:		On a water Name of		
GSW	Permit #:				
				License #:	
Spud Date or Date Rea	iched TD	Completion Date or		TwpS. R	
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



Operator Name:			L	ease Name: _			Well #:	
Sec Twp	S. R	East We	est C	County:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Lo files must be submitted					gs must be ema	iled to kcc-well-log	gs@kcc.ks.go	. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes	No	L		n (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes Yes	No No					
List All E. Logs Run:								
		(CASING REC	ORD Ne	w Used			
		· ·		ıctor, surface, inte	ermediate, producti		T	
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Type of Cem	ent #	# Sacks Used Type and Percent Additives				
Perforate Protect Casing	100 20111111							
Plug Back TD Plug Off Zone								
1 lag on zono								
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski)	o questions 2 ar	nd 3)
Does the volume of the to		•				_	o question 3)	(" 100 ")
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)
Shots Per Foot		ION RECORD - Bri Footage of Each Int				cture, Shot, Cement		d Depth
	, ,				,		,	
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:			
						Yes No		
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bl	ols. G	ias-Oil Ratio	Gravity
DIODOCITI	ON OF CAS:		, 4 CT - 1		TION:		DRODUCTIO	AN INTEDVAL.
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PHODUCIIC	ON INTERVAL:
	bmit ACO-18.)	Other (S	necify)	(Submit		mit ACO-4)		

Form	ACO1 - Well Completion			
Operator	merican Warrior, Inc.			
Well Name	Riedel Unit 1-31			
Doc ID	1203199			

Tops

Name	Тор	Datum
Anhy	1498'	+716
B/Anhy	1543'	+671
Topeka	3212'	-998
Heebner	3454'	-1240
Toronto	3476'	-1262
L/KC	3495'	-1281
B/KC	3739'	-1525
Arbuckle	3832'	-1618

ALLIED OIL & GAS SERVICES, LLC 062698

	. # 20-8651475
REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092	SERVICE POINT: GERENT BEND 155
	ALLED OUT ON LOCATION JOB START JOB FINISH 7:00 an 9:00 an
Bite Lell	COUNTY STATE
	46 hay 84 35 GE Ellis F5
CONTRACTOR PICCOLAGE #3	OWNER
TYPE OF JOB Surface HOLE SIZE 17/14 T.D.	CEMENT
CASING SIZE 494 DEPTH 2/2	AMOUNT ORDERED 1505K5 ClassA
TUBING SIZE DEPTH DRILL PIPE W/W DEPTH	3446 24. gel
DRILL PIPE 41/2 DEPTH TOOL DEPTH	
PRES. MAX MINIMUM	COMMON 150 @17.90 2.685.00
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. 15 69	POZMIX@
PERFS.	GEL 3 @ 23.40 70-20 CHLORIDE 423 @ 840 338.40
DISPLACEMENT 12,5 65'5 Greaturor	ASC@
EQUIPMENT	
number of the state of the stat	@
# 394 HELPER Ben Neuell	e
BULK TRUCK	@
# 67 F/12 DRIVER JOSS E/115	
BULK TRUCK # DRIVER	@
	HANDLING 162.50 @ 2.48 403.00 MILEAGE 7.41 X 12 X 3.60 231.15
REMARKS:	TOTAL 3.727.75
Break or culdren with Pota hourd	10110
purp 5 bb15 Sechur A Least	SERVICE
hus 150sts Comens	
produce 17.3 638 weeknow	DEPTH OF IOR
professe 12.3 fill without	PUMP TRUCK CHARGE
cerent by a crowland	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @
4 shorts	PUMPTRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @ MILEAGE
cerent by a crowland	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @
Central Crown love Plug Pour Giorph Blog Pour	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @ MILEAGE // / / 2 @ 7.76 92. 90 MANIFOLD @
cerons by 2. Growlove	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @ MILEAGE // / / 2 @ 7.76 92. 70 MANIFOLD @ \\ \Um_ 12 @ 4.46 52.80
CHARGE TO: A MEST COL WOLVEY STREET	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @ MILEAGE // / / 2 @ 7.76 92. 70 MANIFOLD @ \\ \Um_ 12 @ 4.46 52.80
CHARGE TO: A METTION WOONTON	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @
CHARGE TO: A MEST COL WOLVEY STREET	PUMP TRUCK CHARGE /S/2. 25 EXTRA FOOTAGE @ MILEAGE HUM / 2 @ 7.70 92. 70 MANIFOLD @ LUM 12 @ 4.40 52. 20 TOTAL /.4 S7. 42 PLUG & FLOAT EQUIPMENT
CHARGE TO: A MEST COL WOLVEY STREET	PUMP TRUCK CHARGE /S/2. 25 EXTRA FOOTAGE @ MILEAGE HUM / 2 @ 7.70 92. 70 MANIFOLD @ LUM 12 @ 4.40 52. 80 TOTAL /.4 S7. 42 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @
CERTY IN CAGALORE P'AND BOMM B'DOPN CHARGE TO: A MATTER LYDOWNY STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC.	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @ MILEAGE HUW / 2 @ 7.70 92. 70 MANIFOLD @ LUW 12 @ 4.40 52.80 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @
Central La Crown for Page Page 1 Coppe Stage Page 1 Coppe Stage Page 1 Coppe STREET	PUMP TRUCK CHARGE /S/2. 25 EXTRA FOOTAGE @ MILEAGE HUM / 2 @ 7.70 92. 70 MANIFOLD @ LUM 12 @ 4.40 52. 80 TOTAL /.4 S7. 42 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @
CERTY In CARD COMMENT OF THE STREET STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	PUMP TRUCK CHARGE /S/2. 25 EXTRA FOOTAGE @ MILEAGE HUM / 2 @ 7.70 92. 90 MANIFOLD @ LUM 12 @ 4.40 52. 80 TOTAL /.4 \$7. 42 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @
Central La Crown for Page Page 1 Coppe Stage Page 1 Coppe Stage Page 1 Coppe STREET	PUMP TRUCK CHARGE /S/2. 25 EXTRA FOOTAGE @ MILEAGE HUM / 2 @ 7.70 92. 90 MANIFOLD @ LUM 12 @ 4.40 52. 80 TOTAL /.4 \$7. 42 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @
CERRY In CARD (OPEN CONTROL OF CO	PUMP TRUCK CHARGE /S/2. 25 EXTRA FOOTAGE @ MILEAGE HUW / 2 @ 7.70 92. 70 MANIFOLD @ Y.40 S2. 80 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @
CERTY IN COMMONE Plan Pour G'DOPN CHARGE TO: A METCOL WONTEY STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	PUMP TRUCK CHARGE /S/2. 25 EXTRA FOOTAGE @ MILEAGE HUW / 2 @ 7.70 92. 70 MANIFOLD @ Y.40 S2. 80 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @
CERTON AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @ MILEAGE HUW / 2 @ 7.70 92. 70 MANIFOLD @ S2. 80 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @
CERTON AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CHARGE /S/2. 25 EXTRA FOOTAGE @ MILEAGE HUW / 2 @ 7.70 92. 70 MANIFOLD @ Y.40 S2. 80 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @
CERTON AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @ MILEAGE HUW / 2 @ 7.70 92. 70 MANIFOLD @ S2. 80 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @
CERTON AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CHARGE /S/2. 25 EXTRA FOOTAGE @ MILEAGE HUW / 2 @ 7.70 92. 70 MANIFOLD @ TOTAL /.4 \$7. \frac{12}{2} PLUG & FLOAT EQUIPMENT @ #################################
CERRY In CARD (OPEN CONTROL OF CO	PUMP TRUCK CHARGE /5/2. 25 EXTRA FOOTAGE @ MILEAGE HUW / 2 @ 7.70 92. 70 MANIFOLD @ S2. 80 PLUG & FLOAT EQUIPMENT @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @

ALLIED OIL & GAS SERVICES, LLC 055209 Federal Tex I.D.# 20-5975804

REMITTO P.O. BO RUSSE		NȘAS 676	65		SER	VICE POINT:	11 ICS.
DATE 4-14	SEC. 31	TWP.	RANGE 19	CALLED OUT	ON LOCATION	JOB START 8:00PM	JOB FINISH 8:30PM
Ricld Unit	WELL#	1-3 1	LOCATION HOLES	8W2/2S	Einta	ENT.	STATE
OLD ON NEW Circ			137	V			
			4 2	•			
CONTRACTOR D	isco	very '	3	OWNER			
TYPE OF JOB PT	4		2011/				
HOLESIZE 7 %		T.D		CEMENT	250	60% 49	1 1/2 =0
CASING SIZE TUBING SIZE			PTHPTH	_ AMOUNTOR	DERED <u>250</u>	740 4/6	gel IF TIC
DRILL PIPE 4 %	•		PTH 3812	-			
TOOL			PTH				
PRES. MAX			MUMIN	COMMON	•	_@	
MEAS. LINE		SH	OE JOINT	POZMIX		_@	
CEMENT LEFT IN C	CSG.			_ GEL		_@	
PERFS.				_ CHLORIDE _		_@	
DISPLACEMENT				ASC	. 25	_@	
	EQU	JIPMENT	•	970 47ere			3825.00
			1980	flo-seal	544	·@ 2.97	160.58
		ER Rob				_@	
# 409 HI	ELPER	Kovin	R			_@	
BULK TRUCK		63.5V	10 40 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			_@	
	RIVER	Glen	1 G				
BULK TRUCK				3-0-0-0	W-2-4	- 6	
# . DI	RIVER		- Jan (14)	- HANDLING	250 sts	@2.48	620,00
				MILEAGE 10	35+/m	2,60	275.50 .
	RE	MARKS:				TOTAL.	4884.88
			3.45				
sec log				-	SERVI	CE	
0				DEPTH OF JO	R	3812	
		**************************************		PUMPTRUCK		2600.	47
		_		EXTRA FOOT		@	
				MILEAGE IC		@4.40	44.00.
-				- MANIFOLD			
7	Than	E you		20 H	UMI	@ 7.70	154.50
CHARGE TO: Am		48				_@	
CHARGE TO: Am	erica	an' Wa	rrior	1054 SAC			
		5. 5. taute.c	#####################################	 00		TOTAL	2798.47
STREET				-		9.45	3300 (7)
CITY	ST	ATE	ZIP				
				2	PLUG & FLOAT	I. EGOTSVIEW	1
				8% Wood	don plug	@110,00	110.00
					<u>. </u>		
To: Allied Oil & Ga	s Servi	ces, LLC	10	9-99-09-2			
You are hereby requ							
and furnish cemente	er and h	elper(s) t	o assist owner or			_@	
contractor to do wo	rk as is	listed. T	he above work was				110 00
done to satisfaction	and su	pervision	of owner agent or			TOTAL	110.00
contractor. I have r	ead and	understa	nd the "GENERAL			60	8
TERMS AND CON	DITIO	NS" lister	d on the reverse side	SALES TAX (I	f Any)		
				TOTAL CHAR	GES 7793	,35	
PRINTED NAME G	MEN	1 GA	schler		558.67		2VACIOS NI C
PRINTED NAME O	PODI	0 "					MODALO
SIGNATURE AND		<i>ե</i> Մ	٠.	nct 6	234.68		
SIGNATURE _	س	Organ	W~ -	-			



DRILL STEM TEST REPORT

American Warrior Inc.

31-13-19, Ellis, KS

PO Box 399

Riedel C #1-31

Tester:

Unit No:

GardenCity KS 67846

Job Ticket: 56212 **DST#:1**

ATTN: Jason Alm Test Start: 2014.02.16 @ 11:05:00

GENERAL INFORMATION:

Formation: KC "H-J"

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

Time Tool Opened: 13:14:45 Time Test Ended: 18:06:15

Interval: 3673.00 ft (KB) To 3755.00 ft (KB) (TVD)

Total Depth: 3755.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2278.00 ft (KB)

Brett Dickinson

59

2271.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8736 Outside

Press@RunDepth: 64.35 psig @ 3677.00 ft (KB) Capacity: 8000.00 psig

Time

 Start Date:
 2014.02.16
 End Date:
 2014.02.16
 Last Calib.:
 2014.02.16

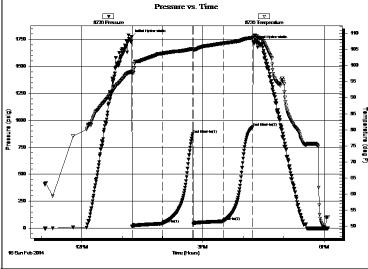
 Start Time:
 11:05:05
 End Time:
 18:06:14
 Time On Btm:
 2014.02.16 @ 13:14:15

 Time Off Btm:
 2014.02.16 @ 16:15:45

TEST COMMENT: IF-BOB in 29min

ISI-Very w eak surface blow FF-BOB Immediately

FSI-Very weak surface blow



	(Min.)	(psig)	(deg F)	
	0	1773.87	98.07	Initial Hydro-static
	1	15.50	97.38	Open To Flow (1)
	45	42.35	103.71	Shut-In(1)
,	91	871.74	105.15	End Shut-In(1)
	92	36.21	104.91	Open To Flow (2)
	136	64.35	106.88	Shut-In(2)
(4)	180	939.66	108.58	End Shut-In(2)
9	182	1717.65	109.20	Final Hydro-static

PRESSURE SUMMARY

Annotation

Temp

Pressure

Recovery

Length (ft)	Description	Volume (bbl)
115.00	0 GOCM 20%G 30%O 50%M	
0.00	385ft GIP	0.00

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

Trilobite Testing, Inc Ref. No: 56212 Printed: 2014.02.16 @ 19:19:30



DRILL STEM TEST REPORT

American Warrior Inc. 31-13-19, Ellis, KS

PO Box 399

Riedel C #1-31 GardenCity KS 67846

Job Ticket: 56212 DST#: 1

ATTN: Jason Alm Test Start: 2014.02.16 @ 11:05:00

GENERAL INFORMATION:

KC "H-J" Formation:

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

Time Tool Opened: 13:14:45 Tester: Brett Dickinson Time Test Ended: 18:06:15 Unit No: 59

Interval: 3673.00 ft (KB) To 3755.00 ft (KB) (TVD) Reference Elevations: 2278.00 ft (KB)

Total Depth: 3755.00 ft (KB) (TVD) 2271.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8018 Inside

Press@RunDepth: 3677.00 ft (KB) 8000.00 psig psig @ Capacity:

Time

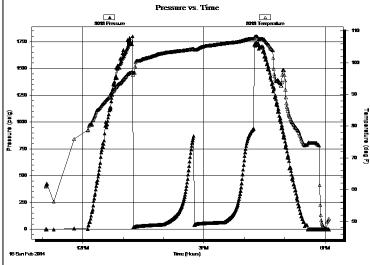
Start Date: 2014.02.16 End Date: 2014.02.16 Last Calib.: 2014.02.16

Start Time: 11:05:05 End Time: Time On Btm: 18:06:14 Time Off Btm:

TEST COMMENT: IF-BOB in 29min

ISI-Very weak surface blow FF-BOB Immediately

FSI-Very weak surface blow



	(Min.)	(psig)	(deg F)	
7				
Temperature (dec F)				
9				

PRESSURE SUMMARY

Pressure Temp Annotation

Recovery

Description		
20%G 30%O 50%M	1.34	
ilP	0.00	
	20%G 30%O 50%M	

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

Trilobite Testing, Inc. Ref. No: 56212 Printed: 2014.02.16 @ 19:19:30



DRILL STEM TEST REPORT

FLUID SUMMARY

ppm

American Warrior Inc. 31-13-19, Ellis, KS

PO Box 399 Riedel C #1-31

GardenCity KS 67846 Job Ticket: 56212 DST#: 1

Test Start: 2014.02.16 @ 11:05:00 ATTN: Jason Alm

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: Cushion Length: 9.00 lb/gal ft Water Salinity: Viscosity: 54.00 sec/qt Cushion Volume: bbl

Water Loss: 8.38 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 3250.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft		Description	Volume bbl		
	115.00	GOCM 20%G 30%O 50%M	1.340		
	0.00	385ft GIP	0.000		

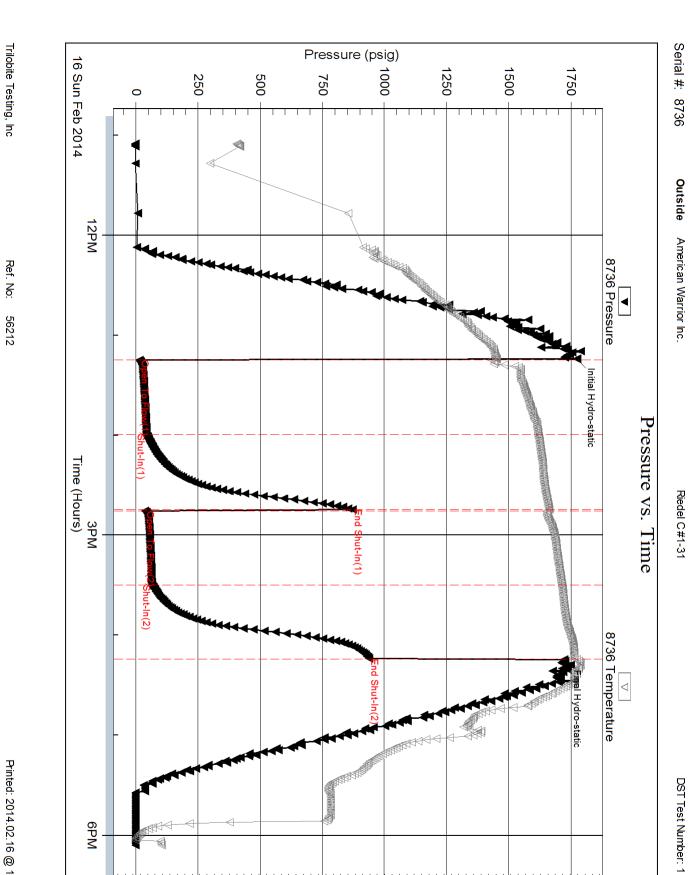
Total Length: 115.00 ft Total Volume: 1.340 bbl

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

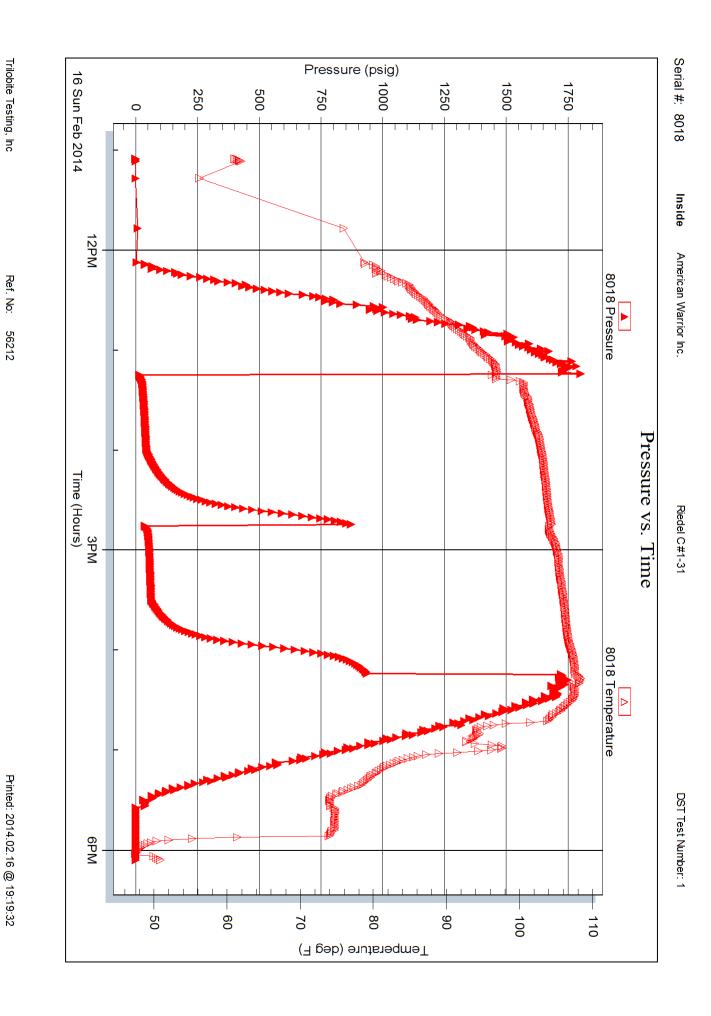
Laboratory Name: Laboratory Location:

Recovery Comments:

Ref. No: 56212 Printed: 2014.02.16 @ 19:19:31 Trilobite Testing, Inc



Temperature (deg F)



M A D .			Drilling Contractor Discovery Drilling, Rig #3													1 4 1 1 1
Marc A. Downin	ng G	Geologic Report	Commenced 3-29-14 Completed 4-4-14									5				32 2
a lu pul	1000000000		Samples Saved From 3200 To RTD	y								+ - 8 7	7	23 28	25 2	3. 18. 5
Consulting Petroleu	um Drillin	ing Time and Sample Log	Drilling Time Kept From 3100 To RTD	0								3 # 25 # 12	\$	#88 9 68	35 53#	13
Geologist			Samples Examined From 3200 To RTD	The state of the s								22.23	# 30	F1 0 0 3 4 2 3	200	W. O
Operator Americ a	an Warrior Inc	Elevation	Geological Supervision From 3100 To RTD	AND 8								500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 . O	375 375 375 375 375 375 375 375 375 375	378 378 374 557 4 557 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 7 7	200 = 3
177 ·		DE 2212										ي ي ي ي ي ي ي ي ي ي ي ي ي ي ي ي ي ي ي	-S FI	4-1- F.	F	1 5 5
Lease Riedel Uni	it No. 1	-31 GL 2212 2206		Cher Cher								J HEHERE	8	はいればなれる。	图 工厂工厂公司人	61
API# 15-051-266	674-0000	Casing Record Surface		OILS	IOWS	•					•			•		•••
Field Irvin		8 5/8" @ 212' Production	Summary and Recommendations	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50	+ 1 1 2	3 1- 12	\$ ± 7	2 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		रेड्ड र	5 1 5 x	4 8 8	\$ \$ £ £	إ رد	\$ 50 1 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Location 1250' FN	NL & 1400' FWL	None	Due to structural position, DST recovery, and log evaluation, it was decided		NO I	\$ 1 1 Ex	是 \$ \$ \$	x 2 + +	77 2 2 2 3	(2	1 2 4 X +	dala da	3 2 7 500	1 2 4 × 5 × 5 × 5 × 5 × 5 × 5 × 5 × 5 × 5 ×	44.	3 3 4 3 5
G - 1	D D	12	to plug and abandon the well.	HHH is	d	र् र हे इंस्	1 1 2 1 0 0	4 555	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	L A	\$ 50 PS	7 7 3 4 1 2	254 577	25 25 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	15 75	こ
Sec. 31 Tw	vp. 13s Rge.	19w None		HH &	00	2 20 637	2 × 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 62 5	T. S. A. S.	50 1	12 Ch 25 + 1 =	1 11th 1= ~ 9 7	24 - 45 b	TAR GAL	+ + + + + + + + + + + + + + + + + + + +	3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
County Ellis	State Kan	nsas		Z		2 = 1 to 1 to 2	7 5 1 2 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 + 1 × ×	T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 4 5 5	13 47 4 2 2 D	THE THE PERSON OF THE PERSON O	रिंडे हैं	1 + 2	AX A X 5	A A STATE OF A STATE O
Formation S	Sample tops Log	og Tops Datum Struct Comp		LU q	AW I	Di . 4 7 7 25 8	D & 22 4 12 5 3	₩ 34 2 5 5 €	ni Potitiet E.	1 3 2 2 2	* 5 E E	1 5 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	7 4 7 2 8	1 times 48 30 D D	3 3	A Sold Free A Sold A
Top Anhydrite	1498	+716 -2		U MINISTER O	SA		2 4 1 3 5 H 9 3	3 4 2 3 4 5 5 5 6	ショラと いますかなな 古書	है की भी बार श्रेम से	3 4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 4 0 0 5	3 5 35 Dec 22	DA LANDER DA	4 4	4 = = = 2 18 E
Base Anhydrite	1543	+671 NA		_		3 3 3 3 3 X 3 X	5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5	なるいかかとなる	\$ 50 50 50 50 50 50 50 50 50 50 50 50 50	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 23525	الله الله الله الله الله الله الله الله	# 2 335 33 x 2 2	36.70 34 1+2 3	16. 16. 16. 16. 16. 16. 16. 16. 16. 16.	A 2 3 4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Topeka	3212	-998 +6	 	5 LITHO	LOGY		+ - <u>-</u> - -	1,1,,11,1,	1				,1,1,11,-01		1 - 1 . 1 . 1 - 0 - 0 - 1 . 1 . 1 . 1	(, ,), (, (,), \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Heebner	3454	-1240 +5	† 	CENTED 2			71/17-747-747-1-747-747-74	1,1,1,=-1,1,1,1,1,						1	-!	
Toronto	3476	-1262 +6		4 4 4	O	O .						alant	#		021-	# 7
LKC	3495	-1281 +7		ELLE S	2	Š 2	38	0	\$	9	0	9		8	8	
ВКС	3739	-1525 +1			8	· · · · · · · · · · · · · · · · · · ·	ε.	4 5	Ň	Ø	, i	Ň	الا م	٠ ٧	w en	- 0 # m . 0 0 8
Marmaton	3780	-1566 +4		ES Sa a d d d									7.7 O			3 3 3
Arbuckle	3832	-1618 -16	 		15.								0	\Box	G	5 5
Total Depth	3846	-1632		Mil Mil		E				27 28				1525)	18	• 1 2
			Respectfully Submitted,	FOO FOO		37				S(-						32
				TIN A LIEU		37.7				35 35				3.KC 73.9(38	33.5
			Marc A. Downing	ING P	ũ,					4", H", J"				20	Su31	4m
Reference Well For Struct	tural Comparison Sid To	Comlinson	Marc A. Downing	HLL	m mm mm. n		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Lama man	mm.	Management -	mmmmmmm	~ W ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	my and he are	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	MA A IAMA	A CA
Riedel #2	1930' FNL & 1720' FV	WL Sec. 31-13s-19w		0 80				W V			, , , , , , , , , , , , , , , , , , ,	vo u · · · · · · · · · · · · · · · · · ·	· VVV · · · · · · · · · · · · · · · · ·			~~~~
	The second secon			la constant de la con												